

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080155.D
 Acq On : 17 Nov 2023 12:06
 Operator : JC\MD
 Sample : VN1117MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2023
 Supervised By : Mahesh Dadoda 11/20/2023

Quant Time: Nov 18 02:25:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	240683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	379798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	344784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	171138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	195785	49.266	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.540%		
35) Dibromofluoromethane	8.171	113	139204	49.673	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.340%		
50) Toluene-d8	10.571	98	507129	50.200	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.400%		
62) 4-Bromofluorobenzene	12.853	95	188912	49.509	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	65556	18.286	ug/l	97
3) Chloromethane	2.359	50	51080	18.951	ug/l	96
4) Vinyl Chloride	2.512	62	53710	18.829	ug/l	97
5) Bromomethane	2.953	94	35396	18.279	ug/l	93
6) Chloroethane	3.118	64	35472	19.021	ug/l	99
7) Trichlorofluoromethane	3.495	101	108145	18.174	ug/l	96
8) Diethyl Ether	3.959	74	32193	18.603	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	49083	18.047	ug/l	97
10) Methyl Iodide	4.594	142	55146	18.762	ug/l #	88
11) Tert butyl alcohol	5.518	59	44168	101.066	ug/l #	87
12) 1,1-Dichloroethene	4.342	96	47003	18.477	ug/l	84
13) Acrolein	4.171	56	43052	111.315	ug/l	97
14) Allyl chloride	5.030	41	58225	18.192	ug/l	94
15) Acrylonitrile	5.724	53	118659	101.141	ug/l	98
16) Acetone	4.430	43	107123	80.255	ug/l	96
17) Carbon Disulfide	4.712	76	131739	17.344	ug/l	100
18) Methyl Acetate	5.024	43	81380	18.976	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	173675	19.332	ug/l	96
20) Methylene Chloride	5.283	84	57644	20.622	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	52358	18.735	ug/l #	81
22) Diisopropyl ether	6.671	45	146989	20.758	ug/l	92
23) Vinyl Acetate	6.606	43	433534	101.840	ug/l	93
24) 1,1-Dichloroethane	6.571	63	96473	18.706	ug/l	98
25) 2-Butanone	7.488	43	145808	91.941	ug/l	94
26) 2,2-Dichloropropane	7.488	77	93773	18.327	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	60196	18.999	ug/l	87
28) Bromochloromethane	7.818	49	44466	21.931	ug/l	94
29) Tetrahydrofuran	7.841	42	90962	106.835	ug/l	91
30) Chloroform	7.965	83	113326	19.660	ug/l	92
31) Cyclohexane	8.259	56	76471	17.694	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	104563	18.600	ug/l	98
36) 1,1-Dichloropropene	8.371	75	77260	19.042	ug/l	94
37) Ethyl Acetate	7.565	43	61358	21.802	ug/l	97
38) Carbon Tetrachloride	8.365	117	93998	18.256	ug/l	93
39) Methylcyclohexane	9.606	83	70048	17.905	ug/l	92
40) Benzene	8.606	78	222765	19.318	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	33745	21.834	ug/l	91
42) 1,2-Dichloroethane	8.671	62	92103	19.523	ug/l	97
43) Isopropyl Acetate	8.688	43	99720	18.208	ug/l	98
44) Trichloroethene	9.353	130	57343	18.957	ug/l	99
45) 1,2-Dichloropropane	9.624	63	54416	20.306	ug/l	93
46) Dibromomethane	9.712	93	41026	20.224	ug/l	90
47) Bromodichloromethane	9.888	83	87770	19.670	ug/l	99
48) Methyl methacrylate	9.682	41	56956	20.181	ug/l	90
49) 1,4-Dioxane	9.694	88	19533	416.019	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	302971	106.854	ug/l	97
52) Toluene	10.629	92	137775	19.091	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	88451	19.293	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	92573	19.764	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	55383	20.107	ug/l	98
56) Ethyl methacrylate	10.876	69	59762	21.239	ug/l #	88
57) 1,3-Dichloropropane	11.165	76	96776	20.124	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	180568	113.907	ug/l	96
59) 2-Hexanone	11.200	43	224204	98.405	ug/l	97
60) Dibromochloromethane	11.359	129	64801	19.651	ug/l	99
61) 1,2-Dibromoethane	11.471	107	56520	20.114	ug/l	98
64) Tetrachloroethene	11.106	164	54849	20.845	ug/l	97
65) Chlorobenzene	11.894	112	147527	18.883	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	61246	20.201	ug/l	94
67) Ethyl Benzene	11.970	91	263589	18.961	ug/l	92
68) m/p-Xylenes	12.076	106	199197	39.299	ug/l	91
69) o-Xylene	12.400	106	94117	19.702	ug/l	90
70) Styrene	12.418	104	140512	19.763	ug/l	94
71) Bromoform	12.582	173	44030	19.583	ug/l #	100
73) Isopropylbenzene	12.700	105	244977	18.421	ug/l	97
74) N-amyl acetate	12.500	43	77063	18.582	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	75980	19.089	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	77089m	18.384	ug/l	
77) Bromobenzene	12.982	156	61486	18.338	ug/l	99
78) n-propylbenzene	13.041	91	270586	18.196	ug/l	100
79) 2-Chlorotoluene	13.129	91	182990	18.946	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	215352	18.603	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	26075	21.010	ug/l	95
82) 4-Chlorotoluene	13.223	91	182963	18.491	ug/l	95
83) tert-Butylbenzene	13.441	119	164756	17.747	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	210499	18.466	ug/l	96
85) sec-Butylbenzene	13.617	105	215694	18.367	ug/l	99
86) p-Isopropyltoluene	13.735	119	194276	18.519	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	107166	17.740	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	107647	17.732	ug/l	97
89) n-Butylbenzene	14.059	91	152230	17.337	ug/l	99
90) Hexachloroethane	14.335	117	35423	17.320	ug/l	70
91) 1,2-Dichlorobenzene	14.112	146	104616	18.098	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15990	17.296	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	53950	16.047	ug/l	98
94) Hexachlorobutadiene	15.500	225	29442	15.217	ug/l	99
95) Naphthalene	15.641	128	152449	15.637	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	51546	16.357	ug/l	95

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Instrument :
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

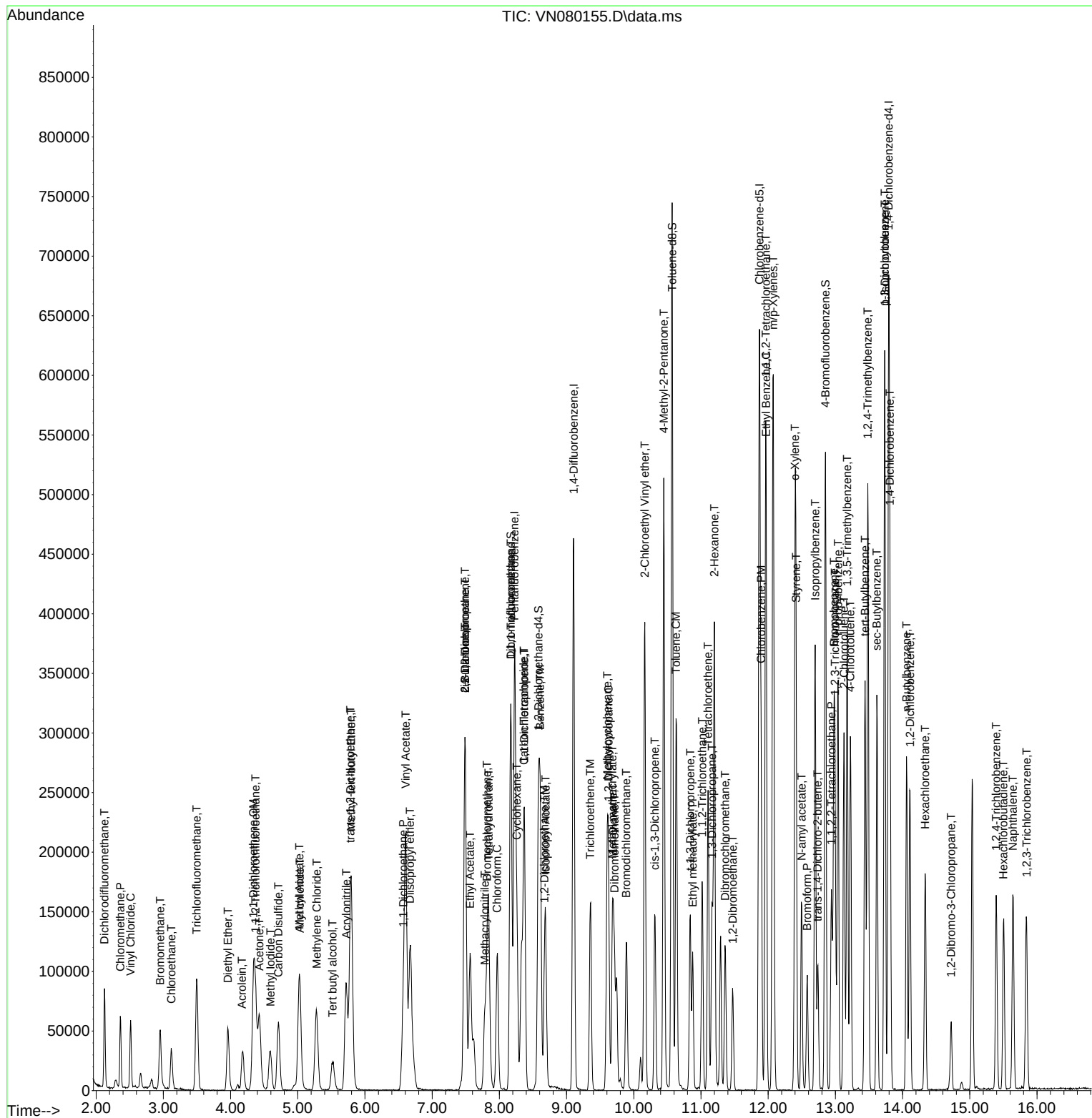
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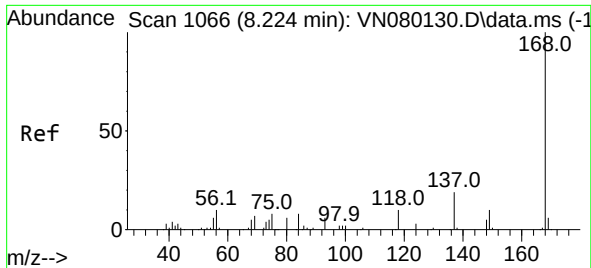
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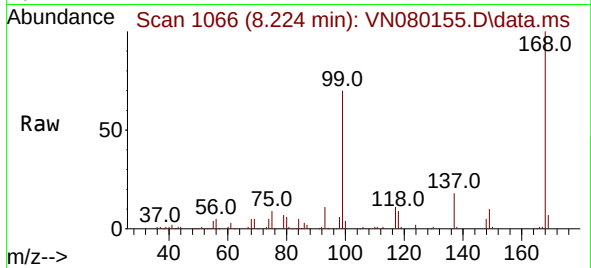
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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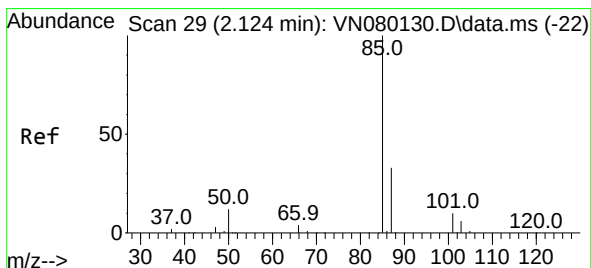
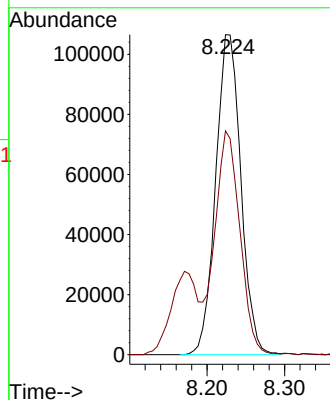
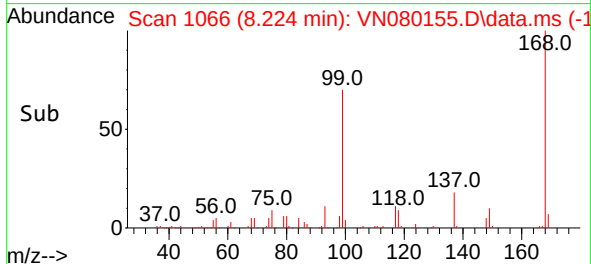
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 24068
Ion Ratio Lower Upper
168 100
99 69.7 53.0 79.6

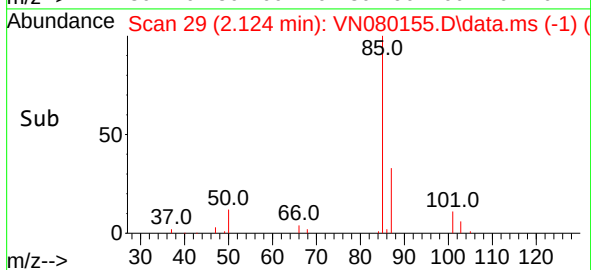
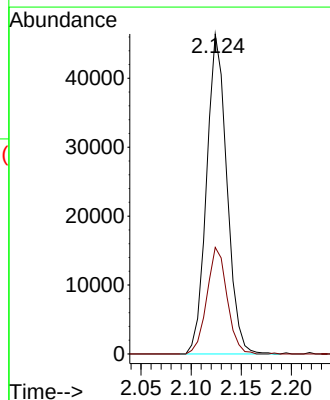
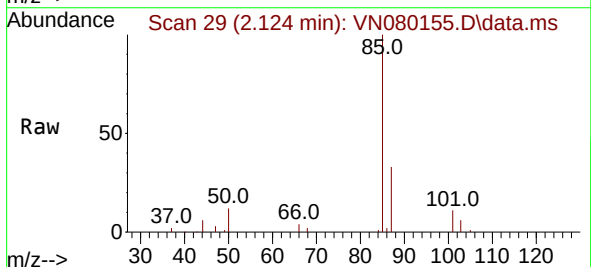
Manual Integrations
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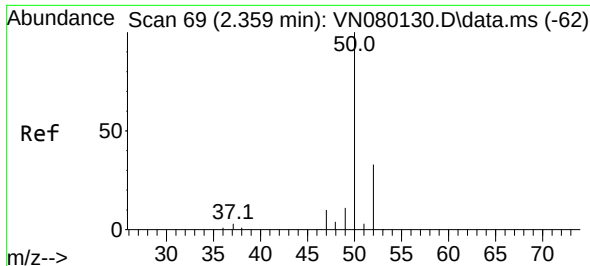
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#2
Dichlorodifluoromethane
Concen: 18.286 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Tgt Ion: 85 Resp: 65556
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.4





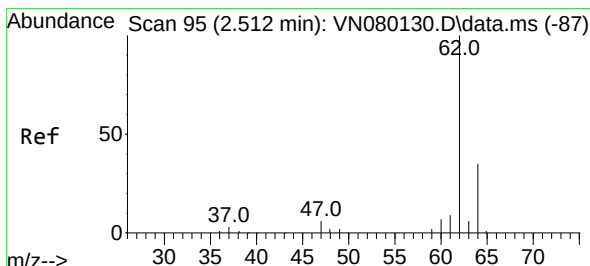
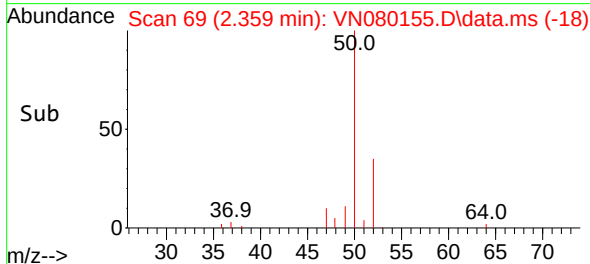
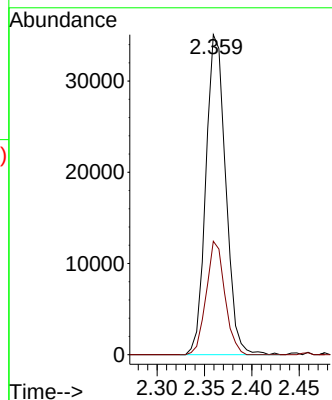
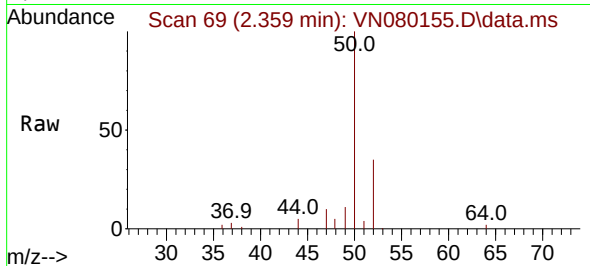
#3
Chloromethane
Concen: 18.951 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

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Tgt Ion: 50 Resp: 51080
Ion Ratio Lower Upper
50 100
52 35.4 26.5 39.7

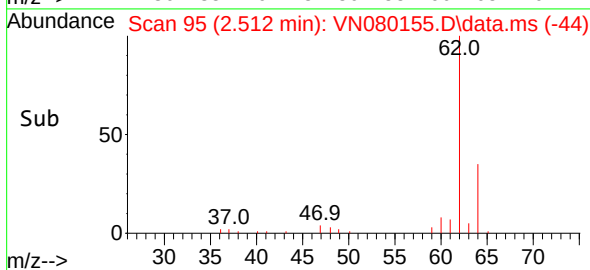
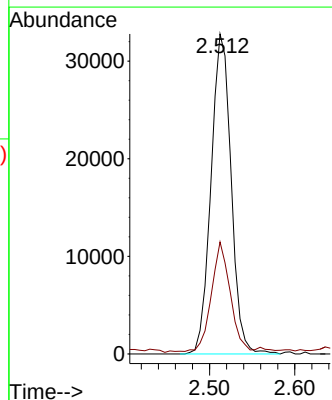
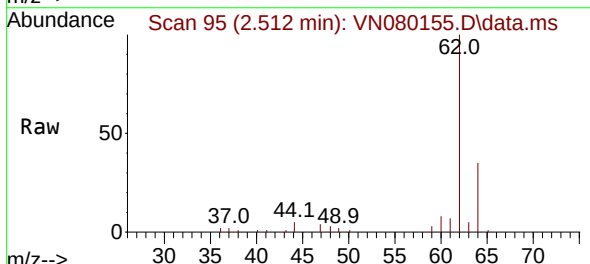
Manual Integrations
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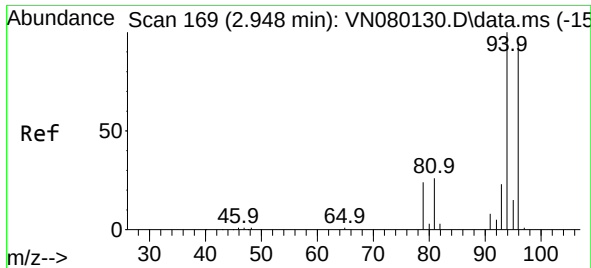
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#4
Vinyl Chloride
Concen: 18.829 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Tgt Ion: 62 Resp: 53710
Ion Ratio Lower Upper
62 100
64 34.1 26.2 39.2





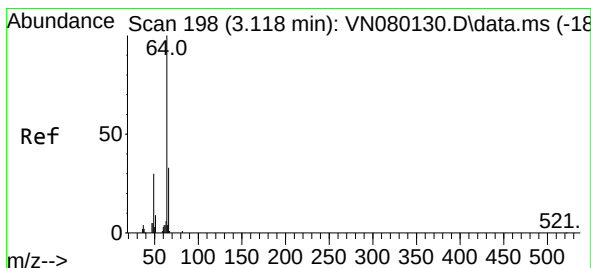
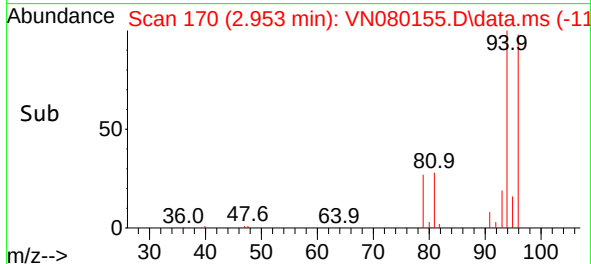
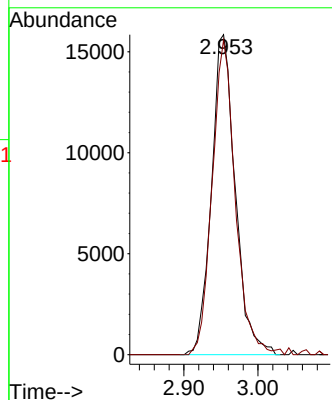
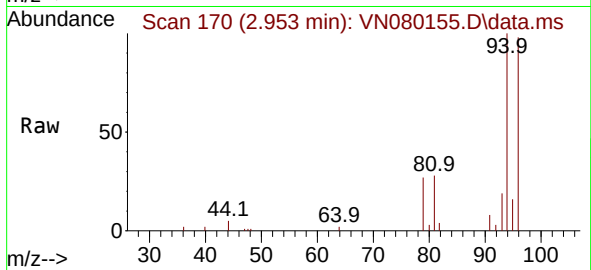
#5
Bromomethane
Concen: 18.279 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080155.D
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Tgt Ion: 94 Resp: 35390
Ion Ratio Lower Upper
94 100
96 98.3 73.1 109.7

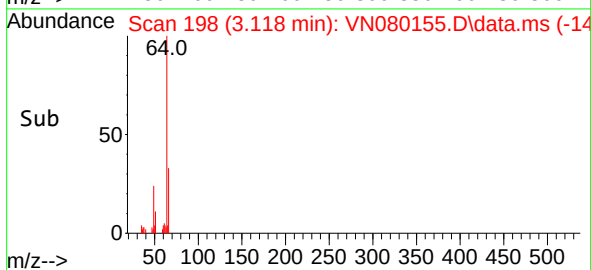
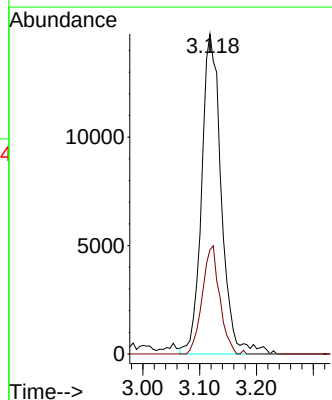
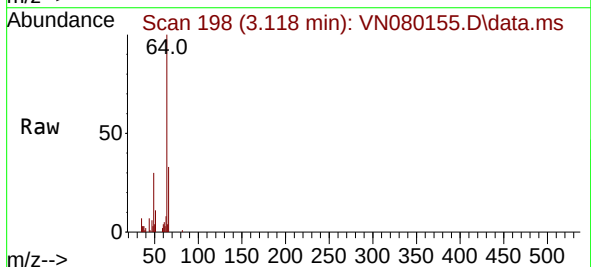
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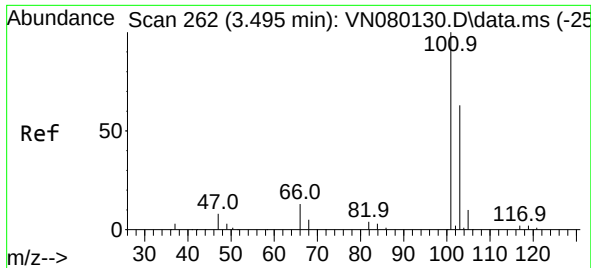
Reviewed By :John Carlone 11/18/2023
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#6
Chloroethane
Concen: 19.021 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Tgt Ion: 64 Resp: 35472
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.2





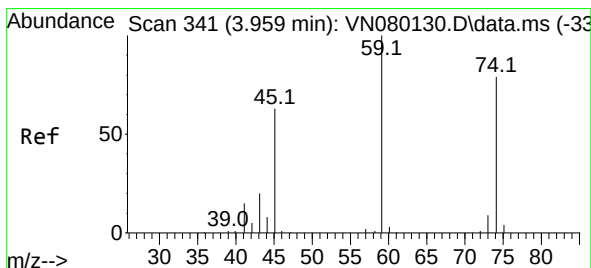
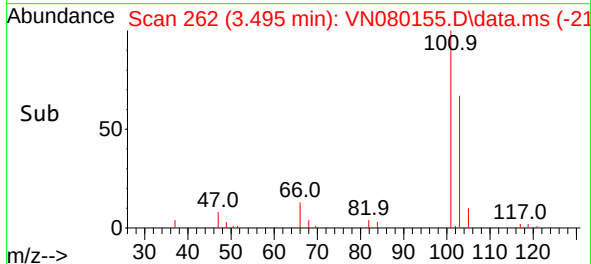
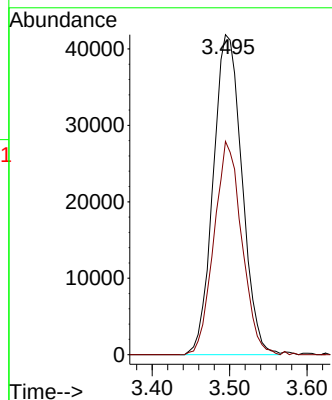
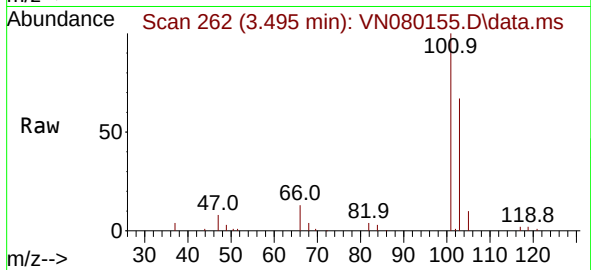
#7
 Trichlorofluoromethane
 Concen: 18.174 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN080155.D
 Acq: 17 Nov 2023 12:06

Instrument :
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Tgt Ion:101 Resp: 10814
 Ion Ratio Lower Upper
 101 100
 103 66.7 50.7 76.1

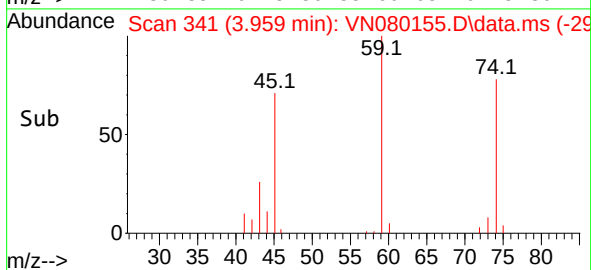
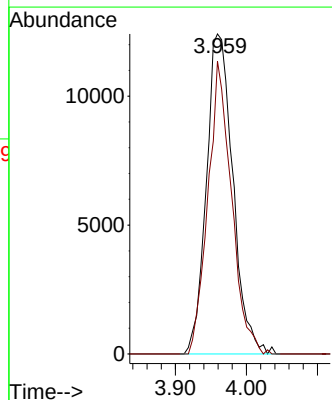
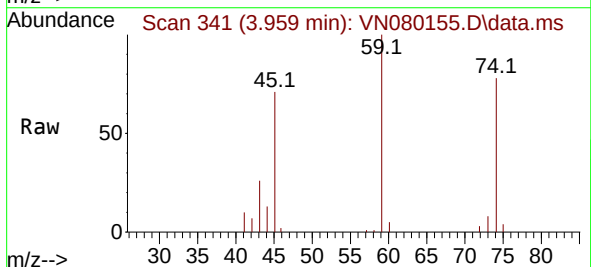
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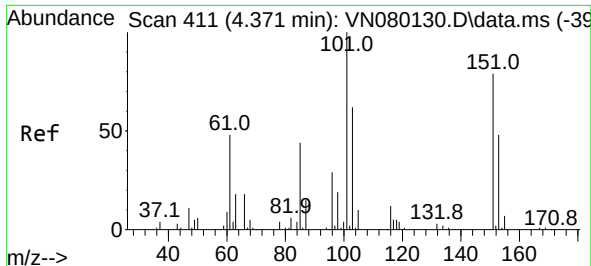
Reviewed By :John Carlone 11/18/2023
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#8
 Diethyl Ether
 Concen: 18.603 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN080155.D
 Acq: 17 Nov 2023 12:06

Tgt Ion: 74 Resp: 32193
 Ion Ratio Lower Upper
 74 100
 45 81.5 34.4 103.3





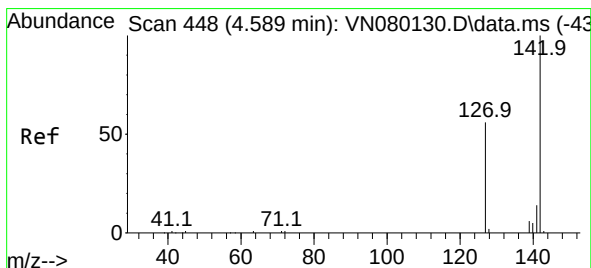
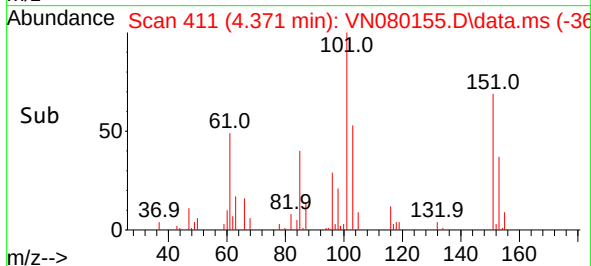
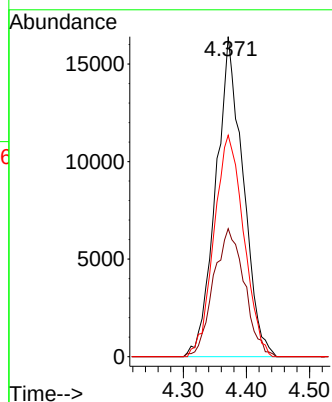
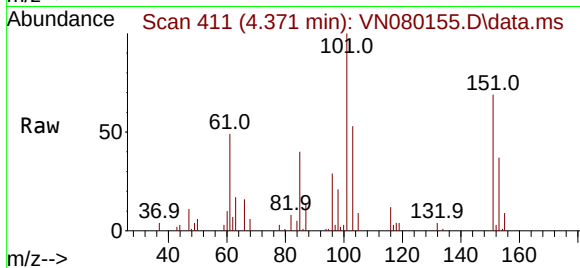
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.047 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBSD01

Tgt Ion:101 Resp: 4908
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 75.6 57.6 86.4

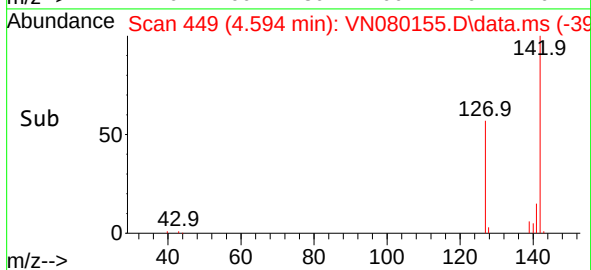
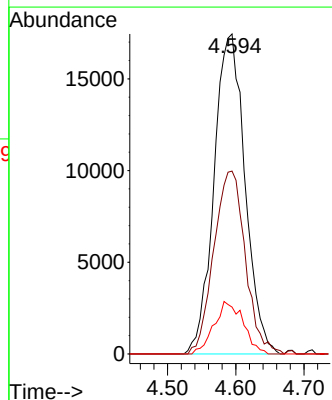
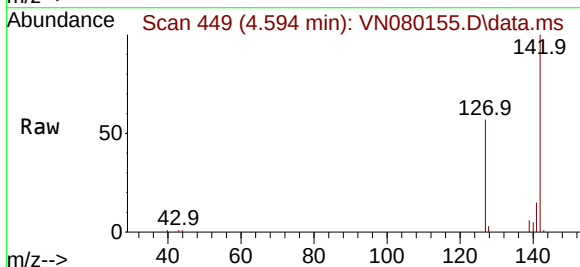
Manual Integrations
APPROVED

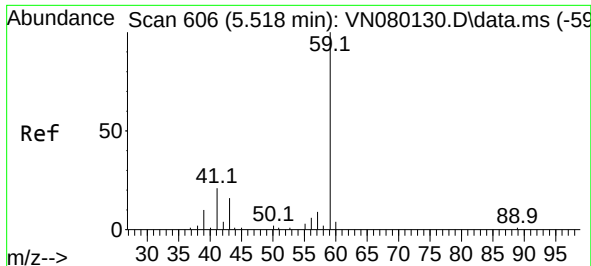
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#10
Methyl Iodide
Concen: 18.762 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

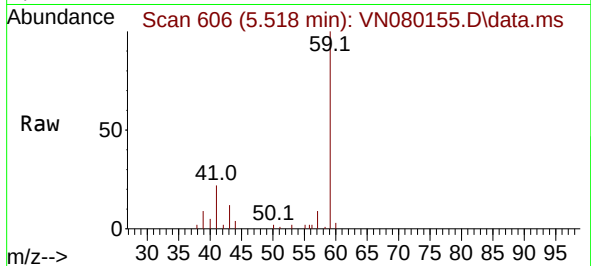
Tgt Ion:142 Resp: 55146
Ion Ratio Lower Upper
142 100
127 57.2 37.6 56.4#
141 14.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 101.066 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

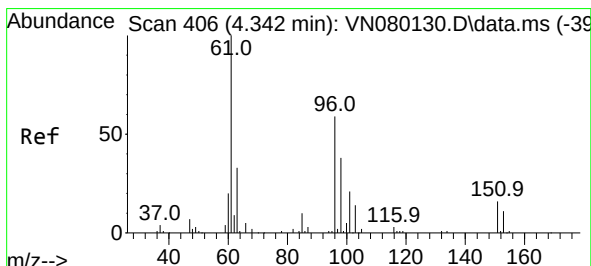
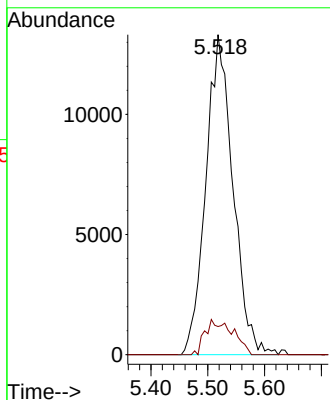
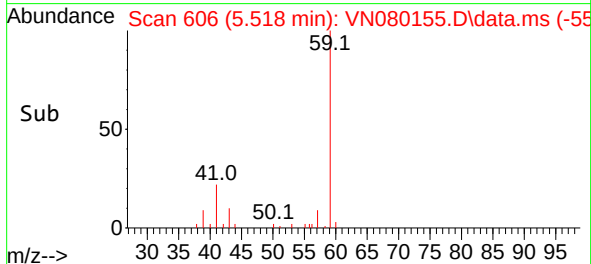
Instrument :
MSVOA_N
Client Sample Id :
VN1117MBSD01



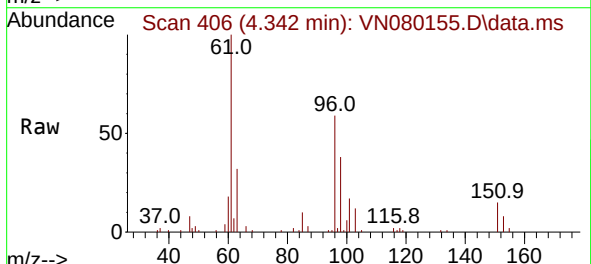
Tgt Ion: 59 Resp: 44168
Ion Ratio Lower Upper
59 100
57 5.3 8.2 12.4

Manual Integrations
APPROVED

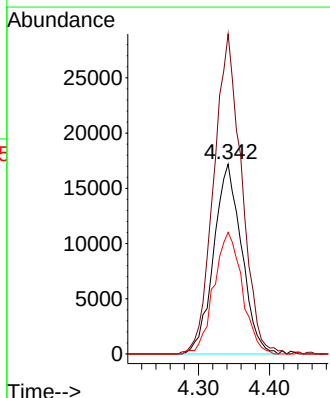
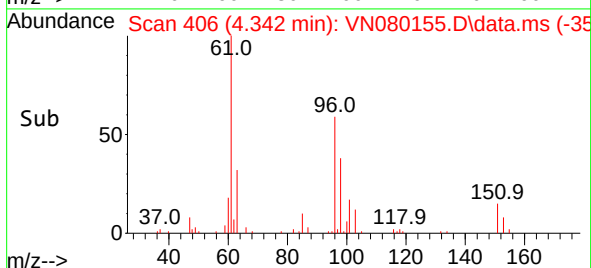
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

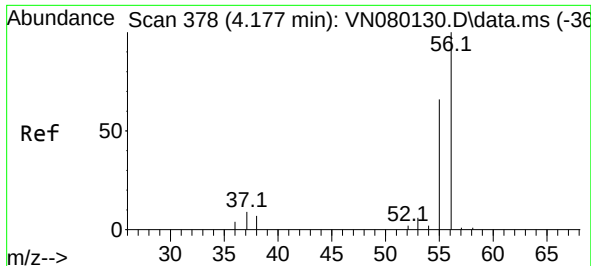


#12
1,1-Dichloroethene
Concen: 18.477 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06



Tgt Ion: 96 Resp: 47003
Ion Ratio Lower Upper
96 100
61 168.5 112.7 169.1
98 64.0 51.2 76.8





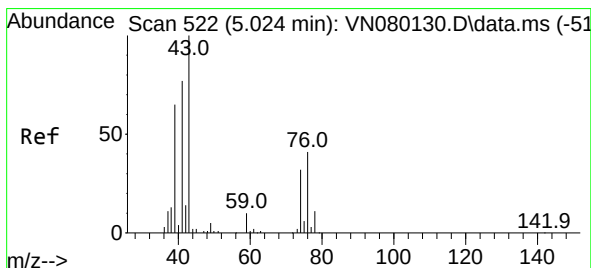
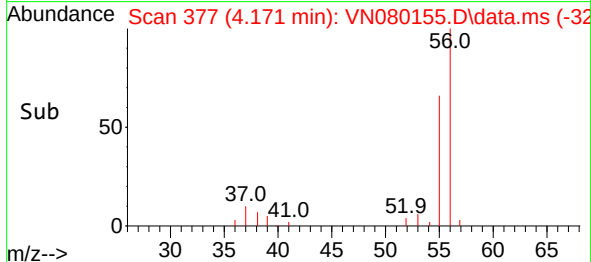
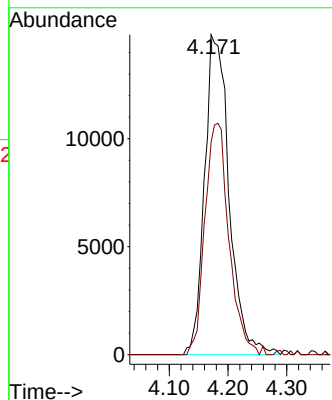
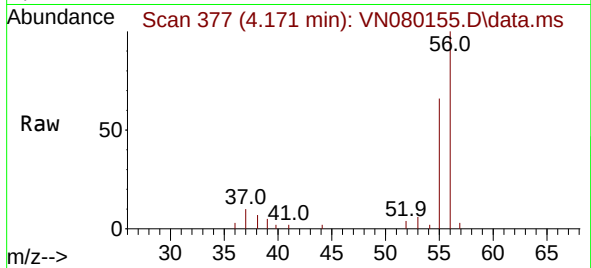
#13
Acrolein
Concen: 111.315 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBSD01

Tgt Ion: 56 Resp: 43052
Ion Ratio Lower Upper
56 100
55 70.6 54.5 81.7

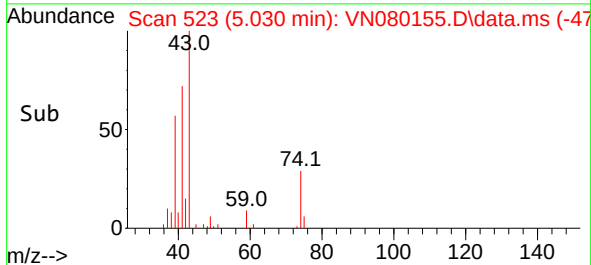
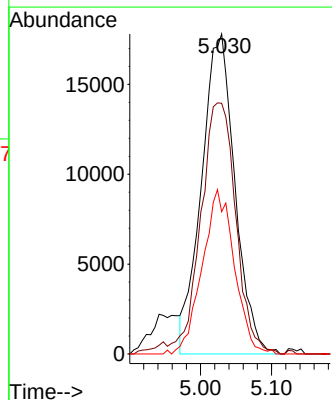
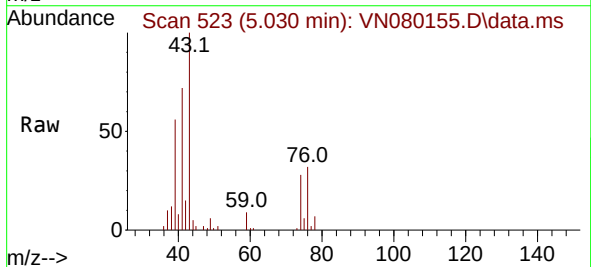
Manual Integrations
APPROVED

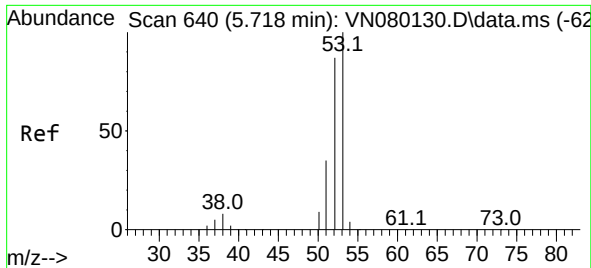
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#14
Allyl chloride
Concen: 18.192 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

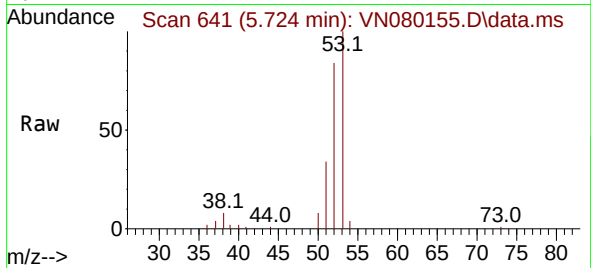
Tgt Ion: 41 Resp: 58225
Ion Ratio Lower Upper
41 100
39 82.2 58.8 88.2
76 49.4 39.1 58.7





#15
Acrylonitrile
Concen: 101.141 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

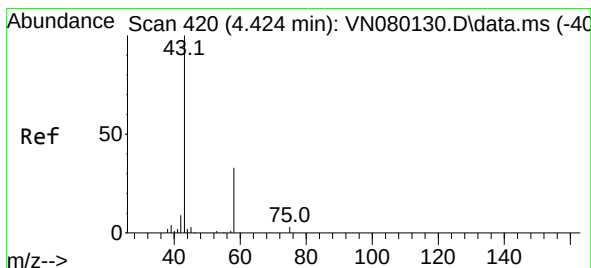
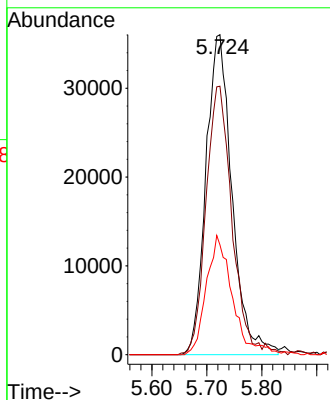
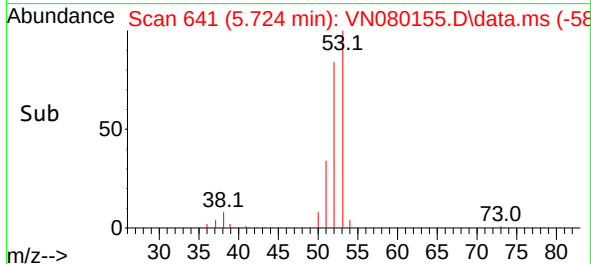
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBSD01



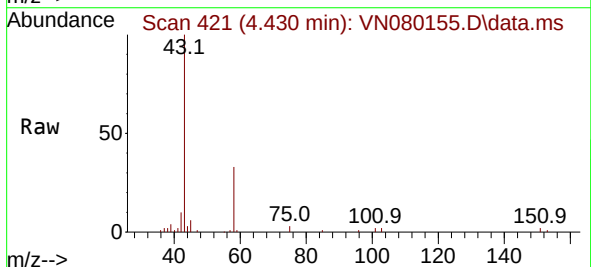
Tgt Ion: 53 Resp: 118659
Ion Ratio Lower Upper
53 100
52 83.9 65.3 97.9
51 37.2 28.9 43.3

Manual Integrations
APPROVED

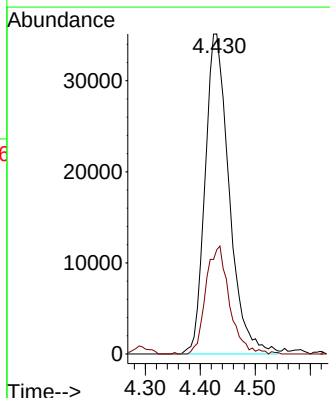
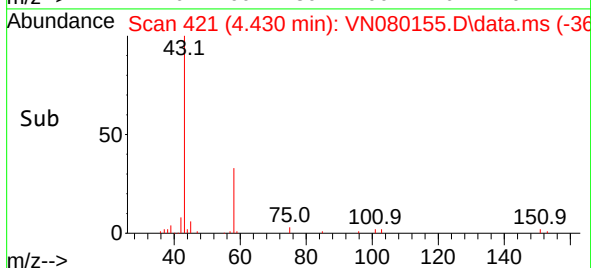
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

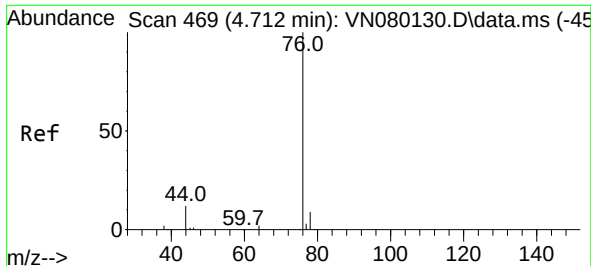


#16
Acetone
Concen: 80.255 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06



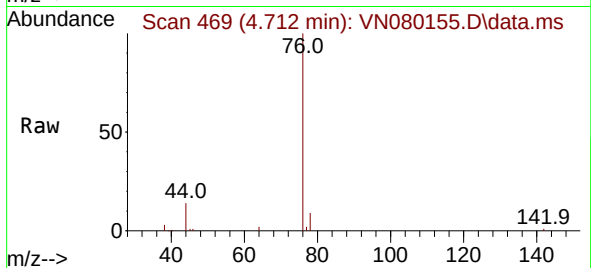
Tgt Ion: 43 Resp: 107123
Ion Ratio Lower Upper
43 100
58 32.6 28.0 42.0





#17
Carbon Disulfide
Concen: 17.344 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

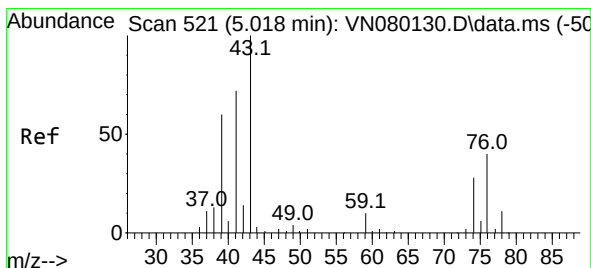
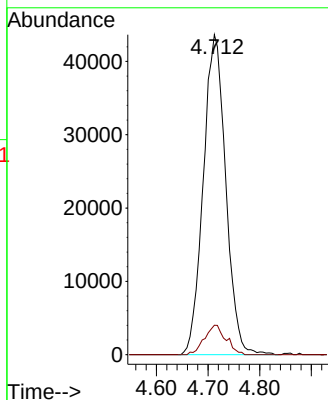
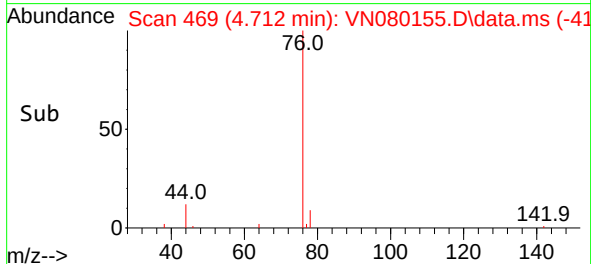
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBSD01



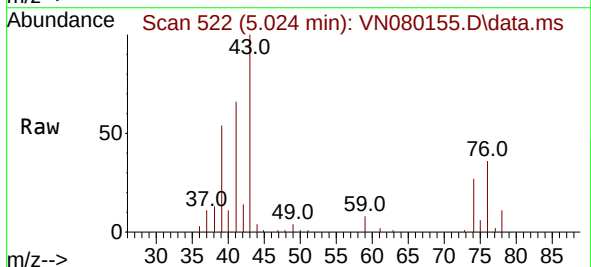
Tgt Ion: 76 Resp: 131739
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
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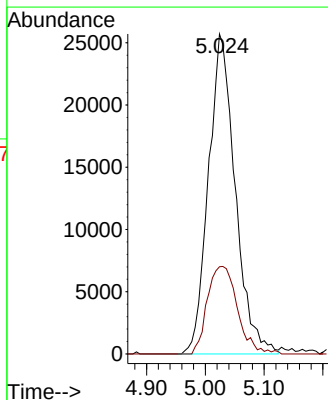
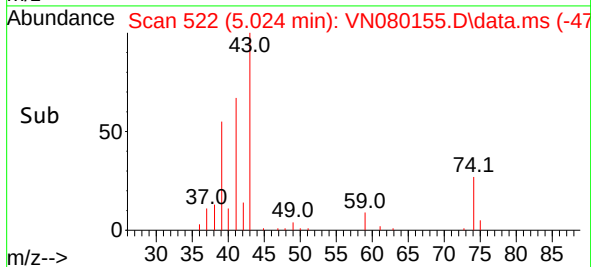
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

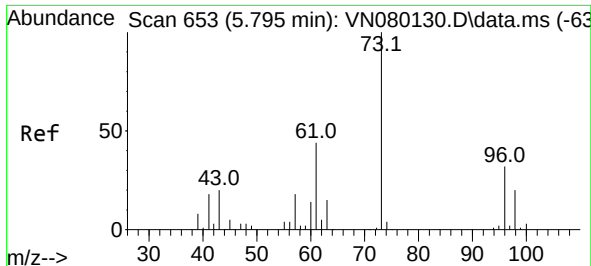


#18
Methyl Acetate
Concen: 18.976 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06



Tgt Ion: 43 Resp: 81380
Ion Ratio Lower Upper
43 100
74 30.7 26.2 39.4





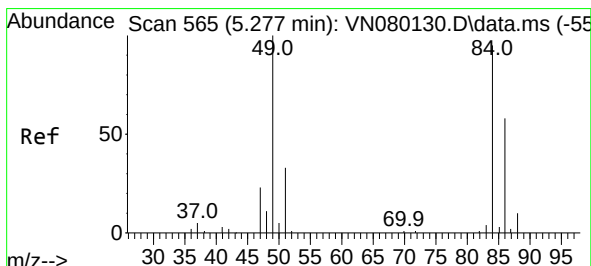
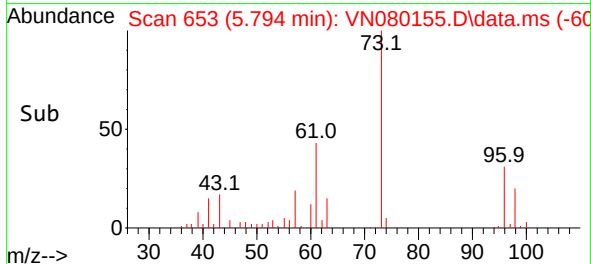
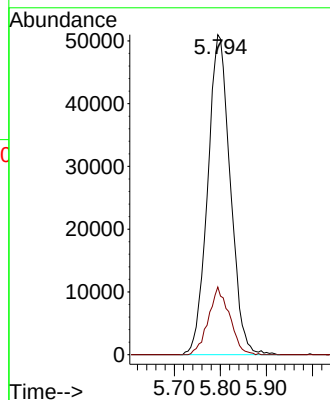
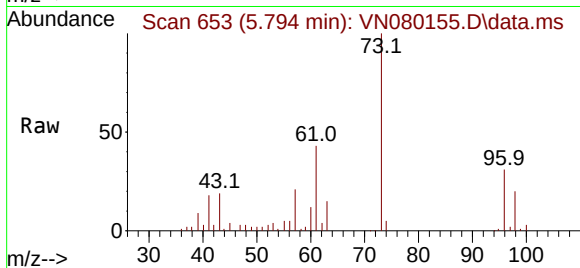
#19
Methyl tert-butyl Ether
Concen: 19.332 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01

Tgt Ion: 73 Resp: 173679
Ion Ratio Lower Upper
73 100
57 21.2 15.6 23.4

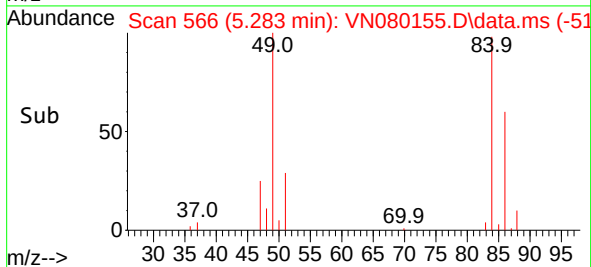
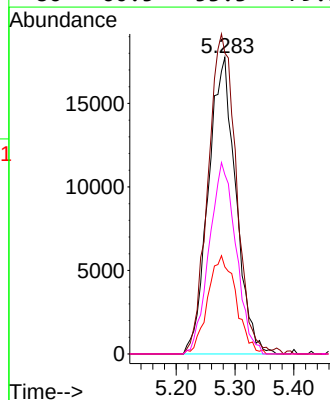
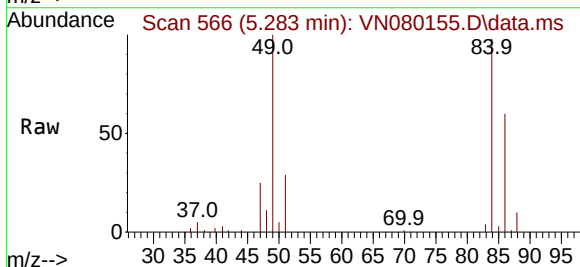
Manual Integrations
APPROVED

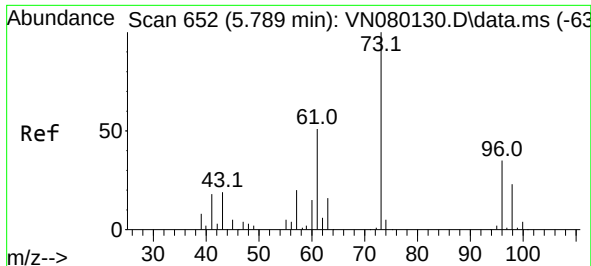
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#20
Methylene Chloride
Concen: 20.622 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

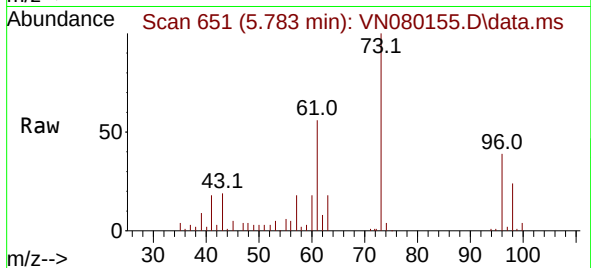
Tgt Ion: 84 Resp: 57644
Ion Ratio Lower Upper
84 100
49 101.5 79.7 119.5
51 29.3 25.2 37.8
86 60.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.735 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

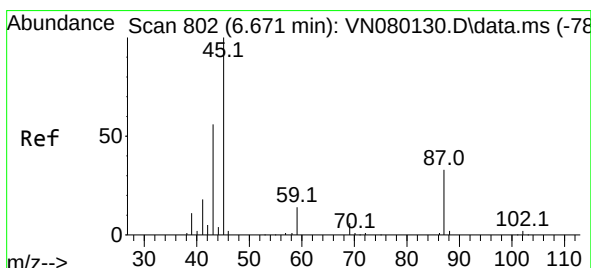
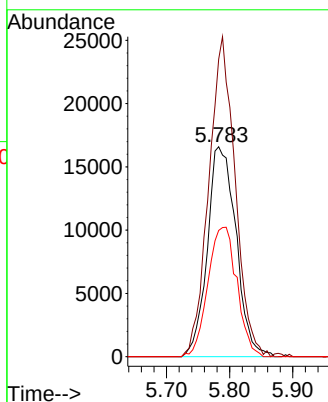
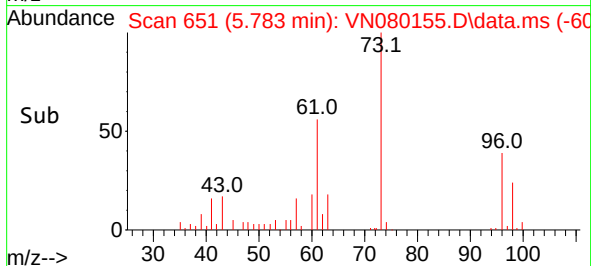
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



Tgt Ion: 96 Resp: 5235
Ion Ratio Lower Upper
96 100
61 141.7 90.1 135.1
98 60.1 46.4 69.6

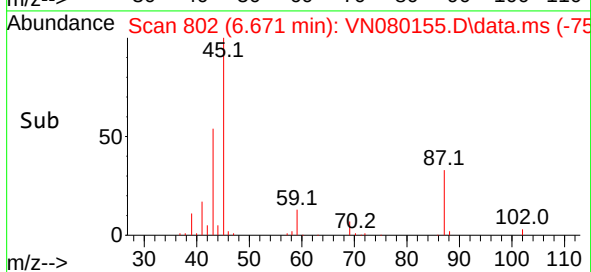
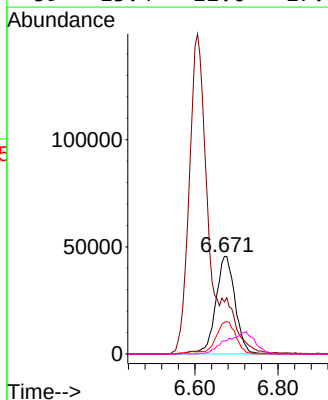
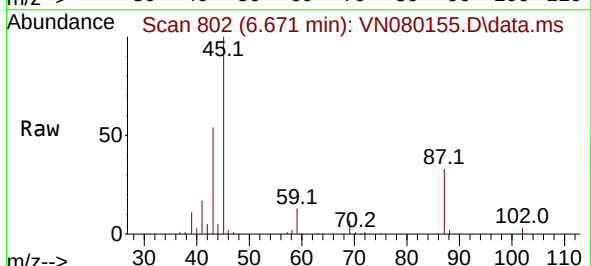
Manual Integrations
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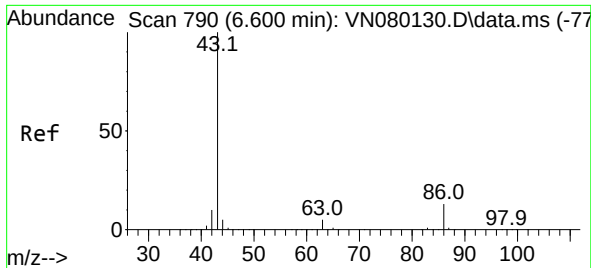
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#22
Diisopropyl ether
Concen: 20.758 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Tgt Ion: 45 Resp: 146989
Ion Ratio Lower Upper
45 100
43 52.4 45.5 68.3
87 32.6 31.8 47.8
59 13.4 11.6 17.4





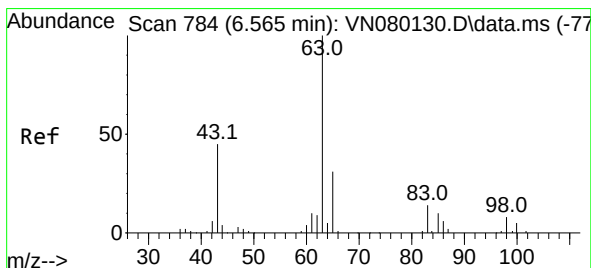
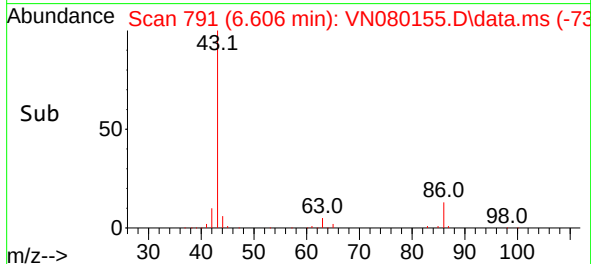
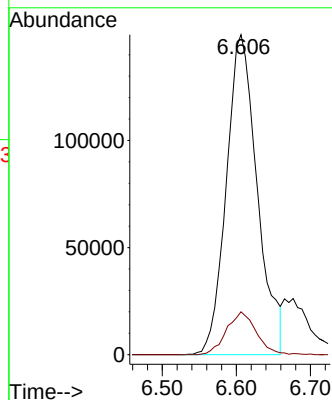
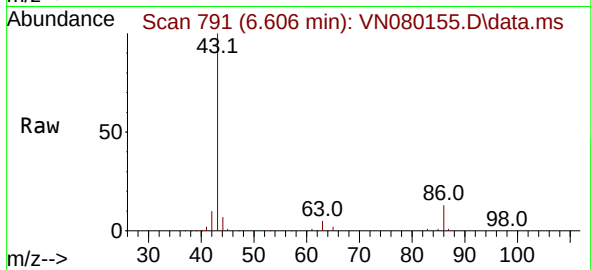
#23
 Vinyl Acetate
 Concen: 101.840 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080155.D
 Acq: 17 Nov 2023 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117MBSD01

Tgt Ion: 43 Resp: 433534
 Ion Ratio Lower Upper
 43 100
 86 13.4 13.0 19.6

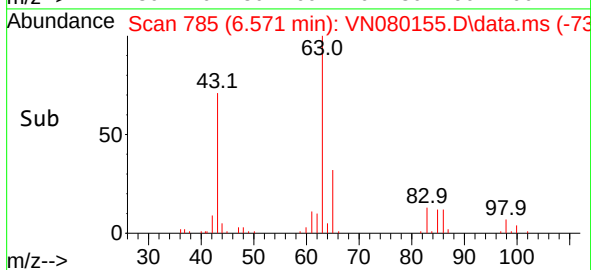
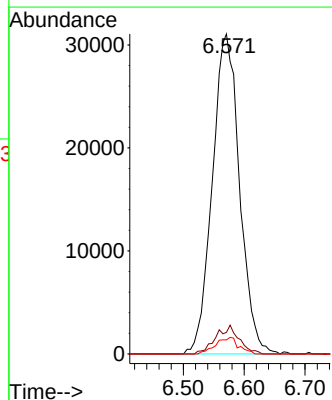
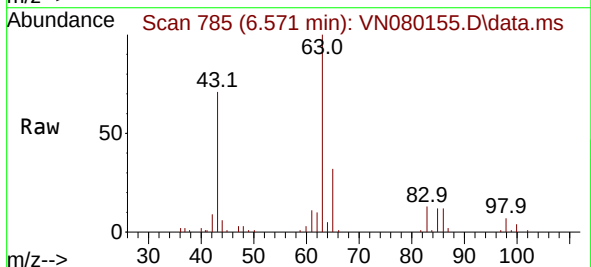
Manual Integrations
 APPROVED

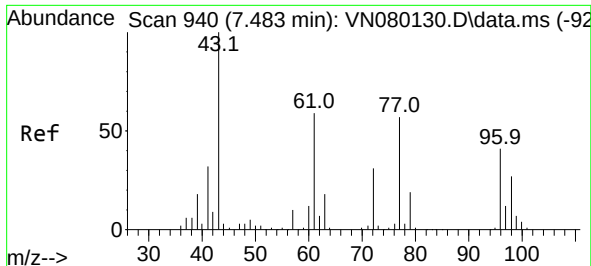
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#24
 1,1-Dichloroethane
 Concen: 18.706 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080155.D
 Acq: 17 Nov 2023 12:06

Tgt Ion: 63 Resp: 96473
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 4.4 2.5 7.4





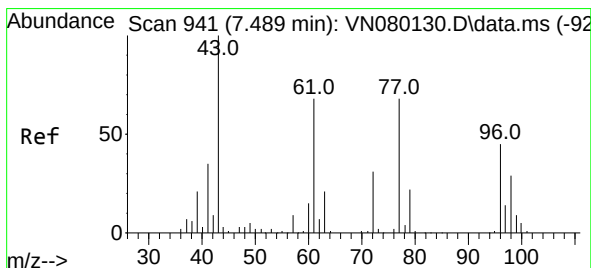
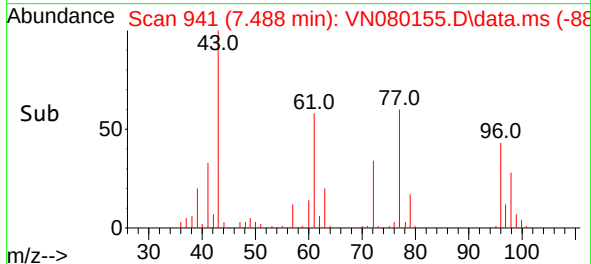
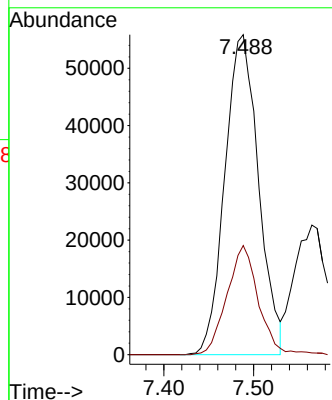
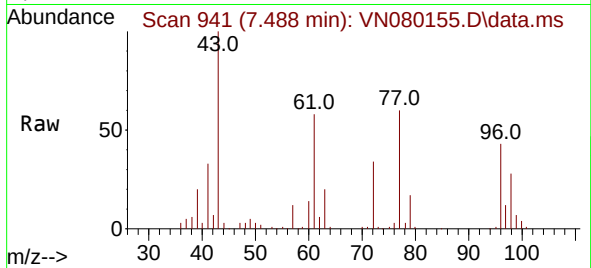
#25
2-Butanone
Concen: 91.941 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01

Tgt Ion: 43 Resp: 145808
Ion Ratio Lower Upper
43 100
72 34.1 30.2 45.2

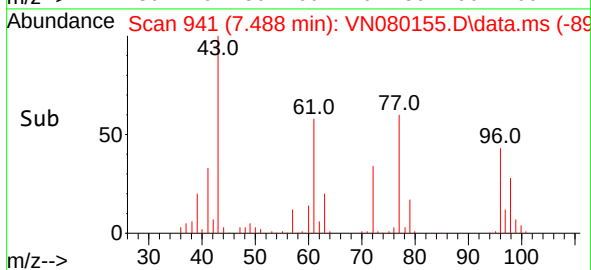
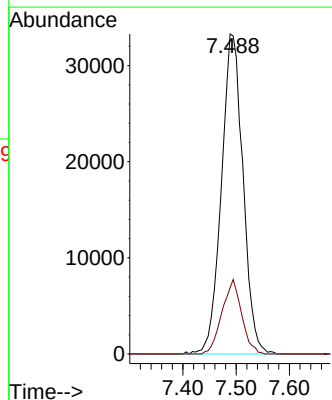
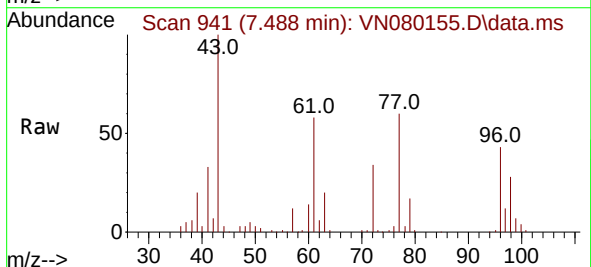
Manual Integrations
APPROVED

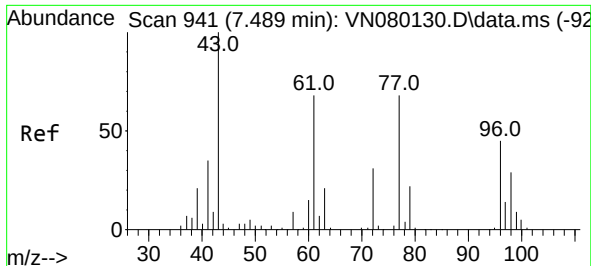
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#26
2,2-Dichloropropane
Concen: 18.327 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

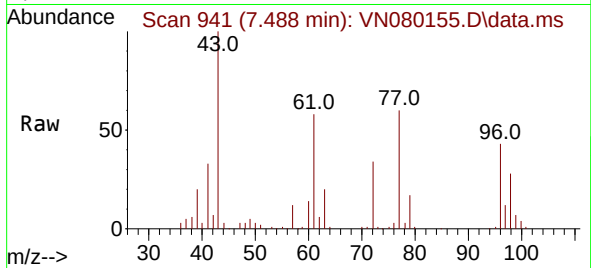
Tgt Ion: 77 Resp: 93773
Ion Ratio Lower Upper
77 100
97 21.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.999 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080155.D
 Acq: 17 Nov 2023 12:06

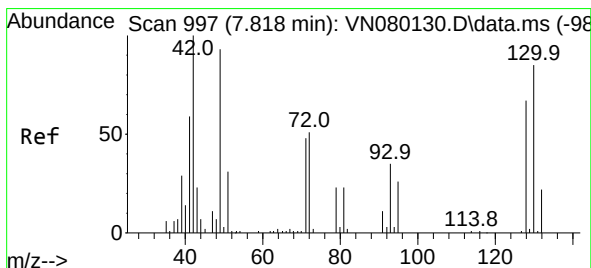
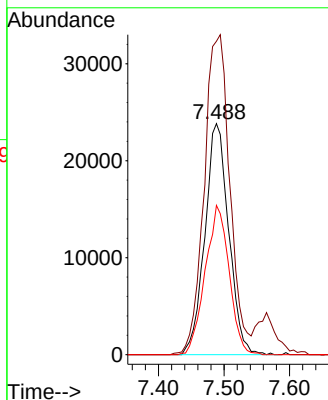
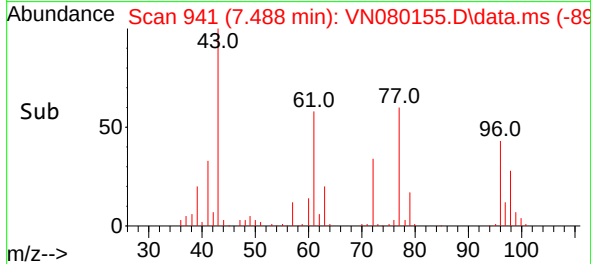
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117MBSD01



Tgt Ion: 96 Resp: 60190
 Ion Ratio Lower Upper
 96 100
 61 149.5 0.0 255.2
 98 64.9 0.0 128.8

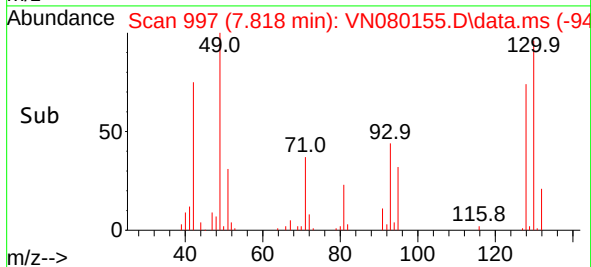
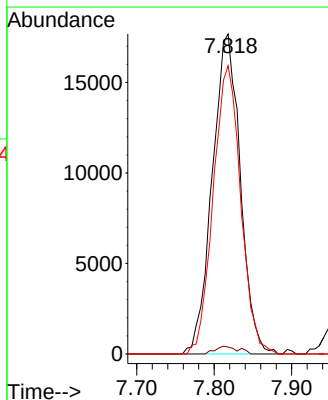
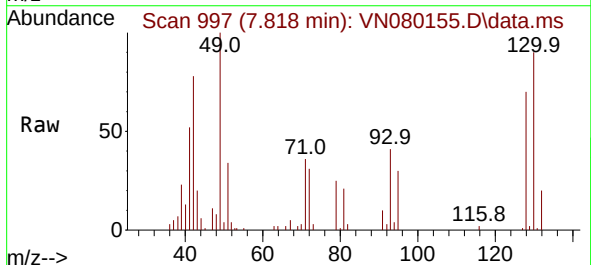
Manual Integrations
 APPROVED

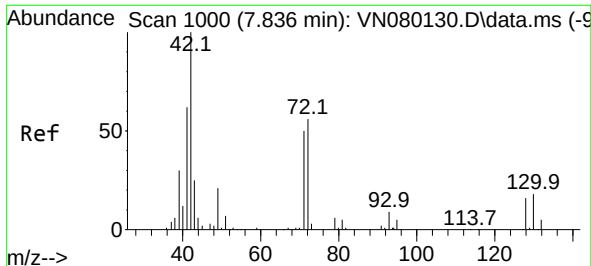
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#28
 Bromochloromethane
 Concen: 21.931 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN080155.D
 Acq: 17 Nov 2023 12:06

Tgt Ion: 49 Resp: 44466
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 88.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 106.835 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080155.D

Acq: 17 Nov 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBS01

Tgt Ion: 42 Resp: 9096

Ion Ratio Lower Upper

42 100

72 56.1 49.8 74.6

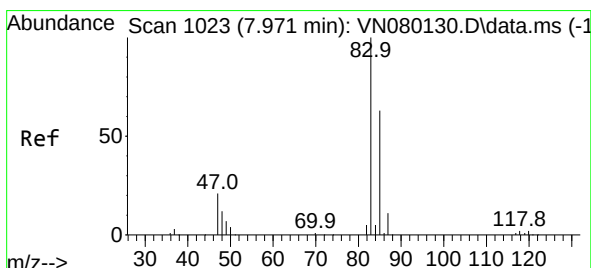
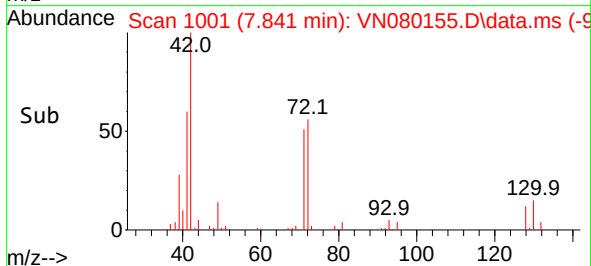
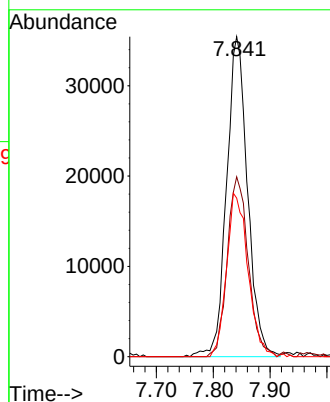
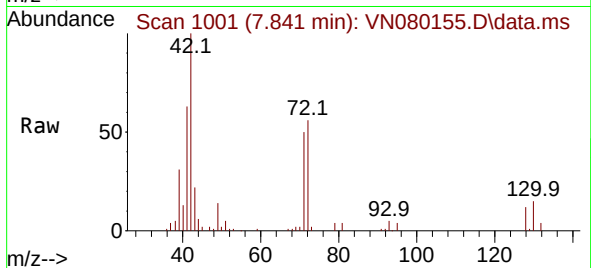
71 51.8 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#30

Chloroform

Concen: 19.660 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN080155.D

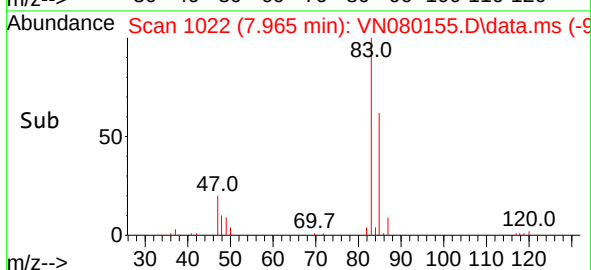
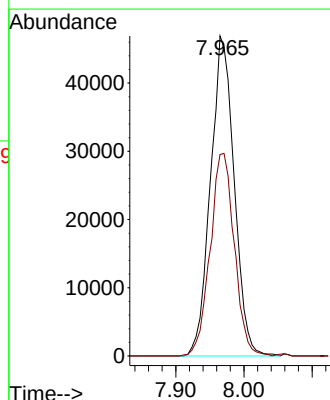
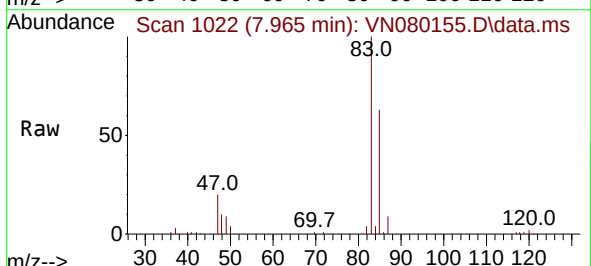
Acq: 17 Nov 2023 12:06

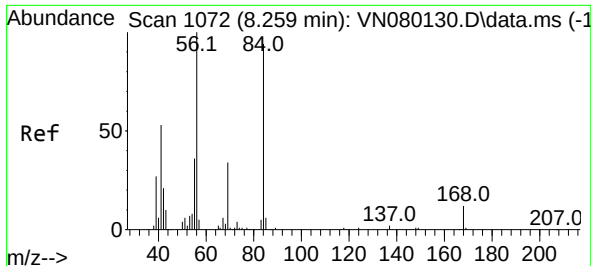
Tgt Ion: 83 Resp: 113326

Ion Ratio Lower Upper

83 100

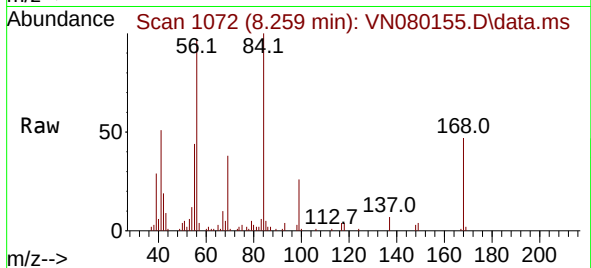
85 62.9 55.4 83.0





#31
Cyclohexane
Concen: 17.694 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

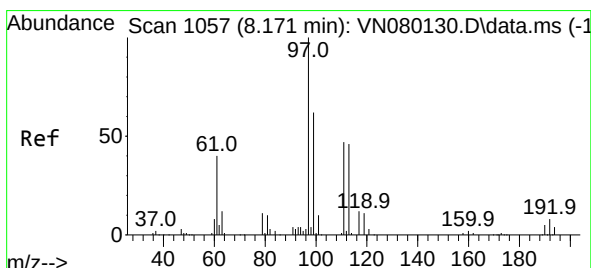
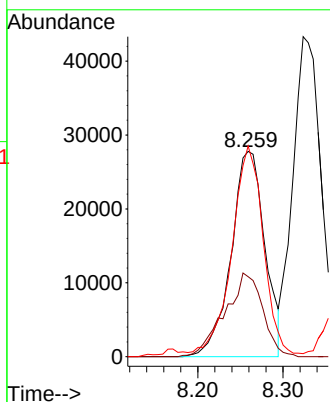
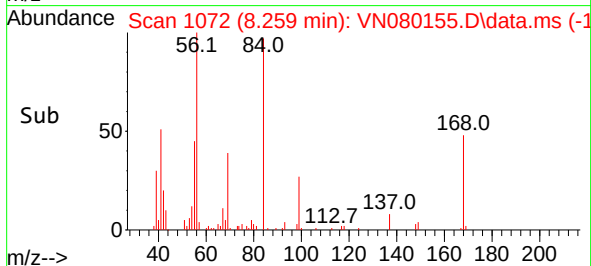
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBSD01



Tgt Ion: 56 Resp: 7647
Ion Ratio Lower Upper
56 100
69 38.9 26.8 40.2
84 100.6 81.8 122.6

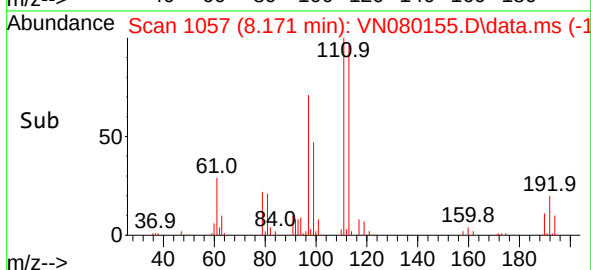
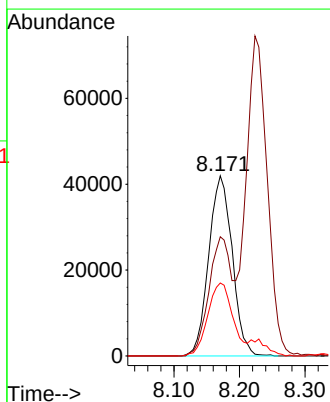
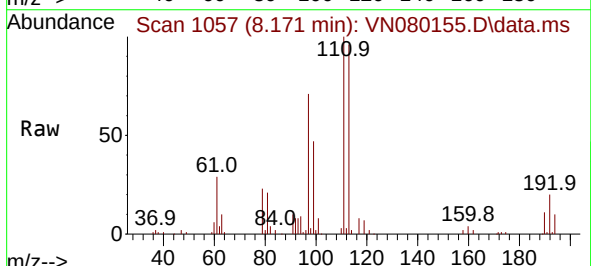
Manual Integrations
APPROVED

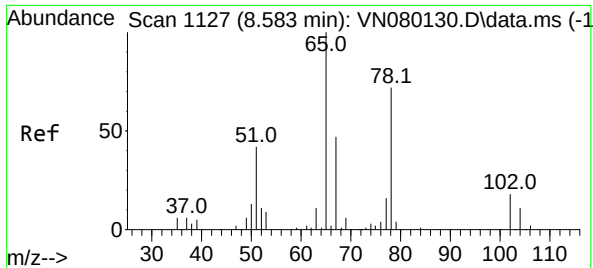
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#32
1,1,1-Trichloroethane
Concen: 18.600 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Tgt Ion: 97 Resp: 104563
Ion Ratio Lower Upper
97 100
99 65.7 50.3 75.5
61 43.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.266 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080155.D

Acq: 17 Nov 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBSD01

Tgt Ion: 65 Resp: 19578

Ion Ratio Lower Upper

65 100

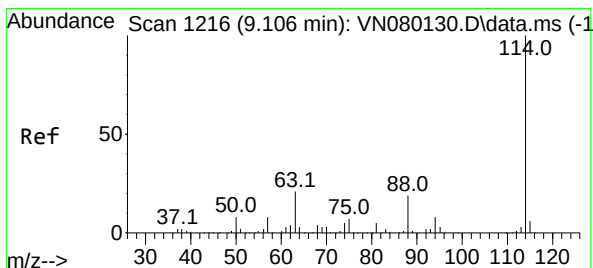
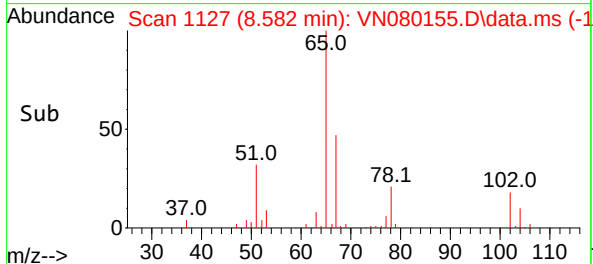
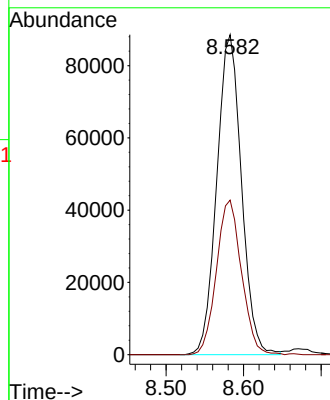
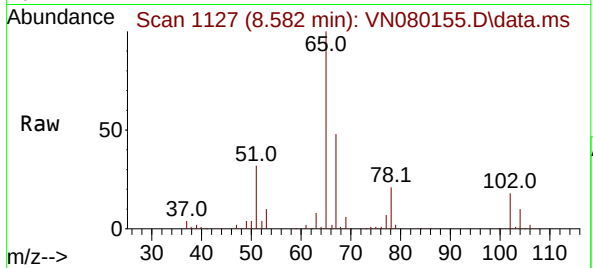
67 49.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080155.D

Acq: 17 Nov 2023 12:06

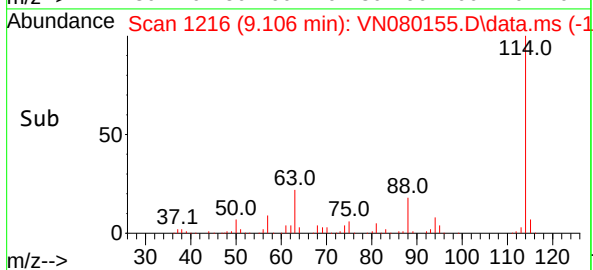
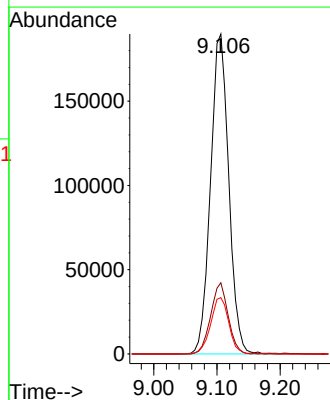
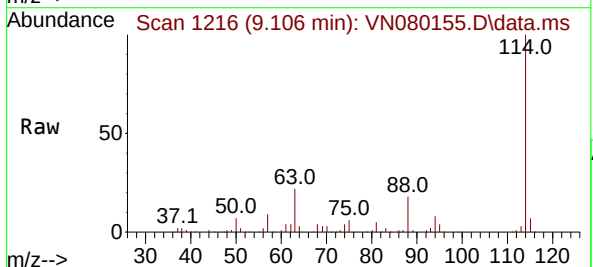
Tgt Ion:114 Resp: 379798

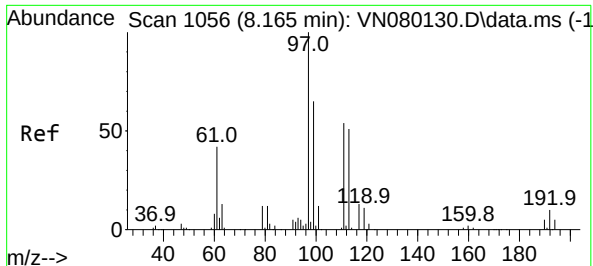
Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.4

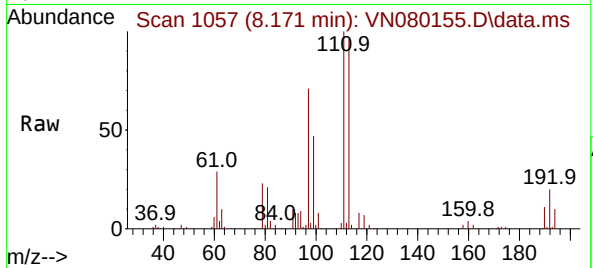
88 17.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.673 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

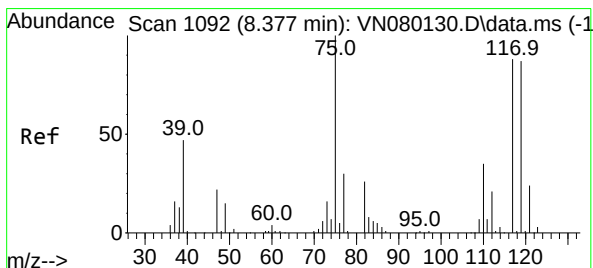
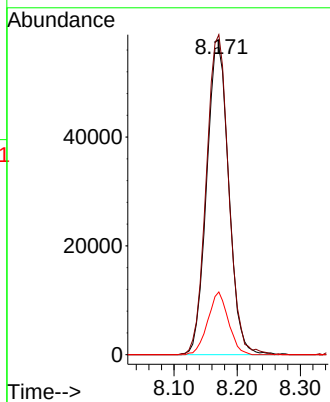
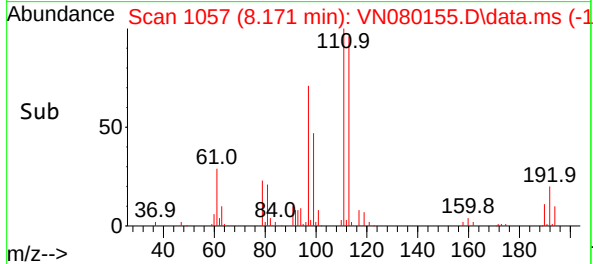
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



Tgt Ion: 113 Resp: 139204
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 18.7 12.7 19.1

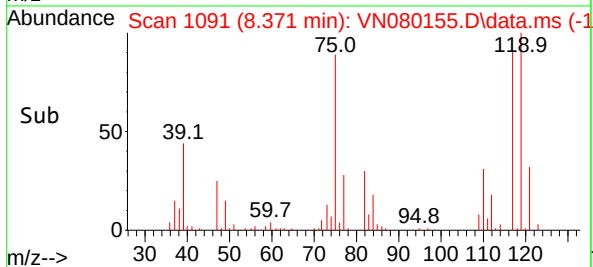
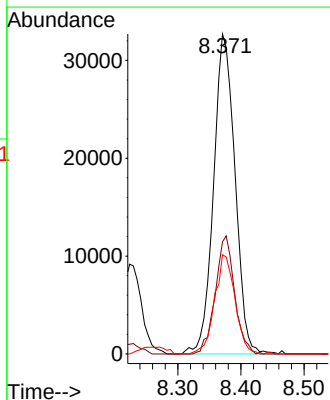
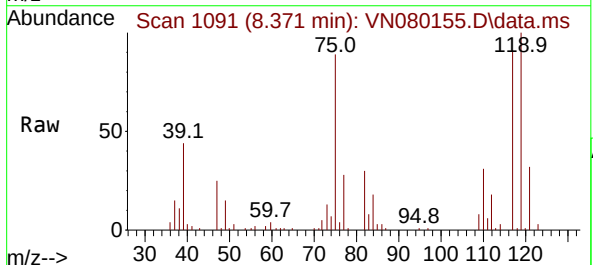
Manual Integrations
APPROVED

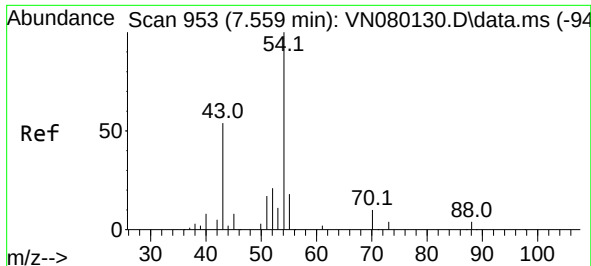
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#36
1,1-Dichloropropene
Concen: 19.042 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Tgt Ion: 75 Resp: 77260
Ion Ratio Lower Upper
75 100
110 33.2 19.1 57.3
77 29.4 25.0 37.4





#37

Ethyl Acetate

Concen: 21.802 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080155.D

Acq: 17 Nov 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBS01

Tgt Ion: 43 Resp: 61358

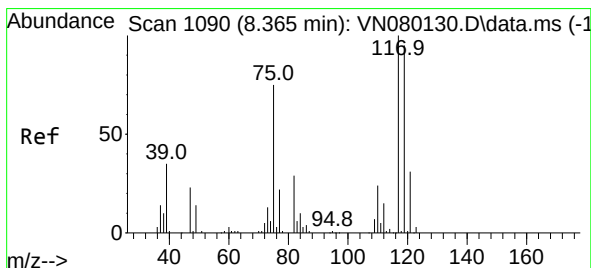
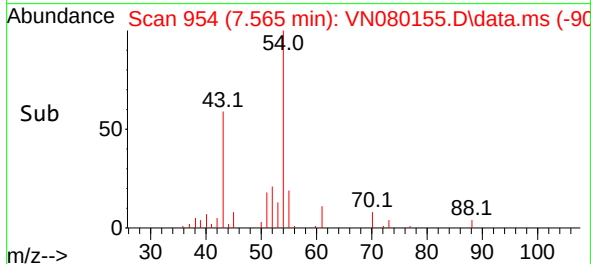
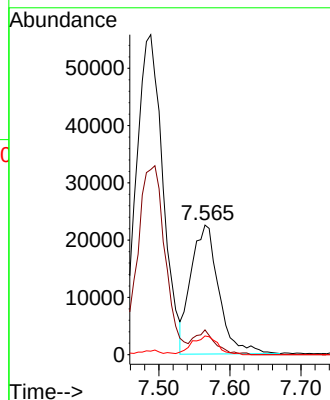
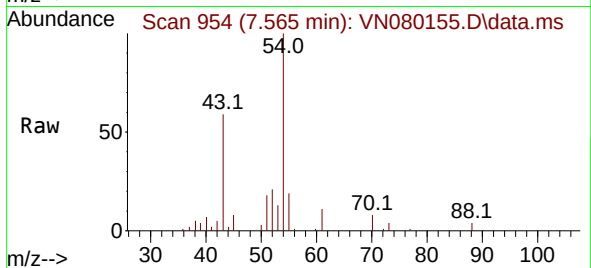
Ion	Ratio	Lower	Upper
43	100		
61	14.4	13.2	19.8
70	13.3	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#38

Carbon Tetrachloride

Concen: 18.256 ug/l

RT: 8.365 min Scan# 1090

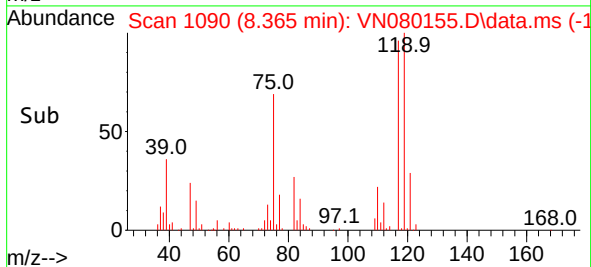
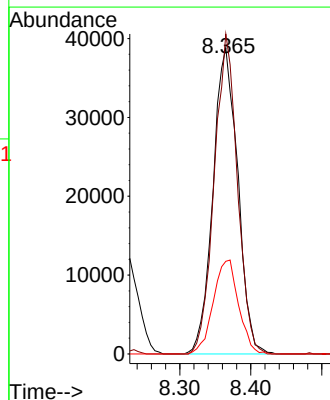
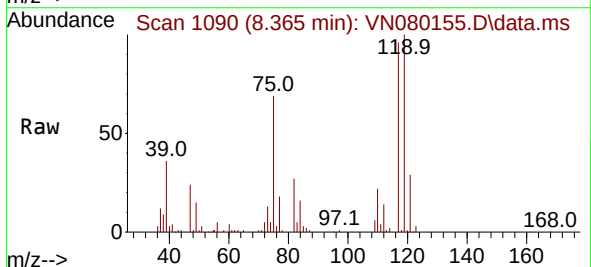
Delta R.T. -0.000 min

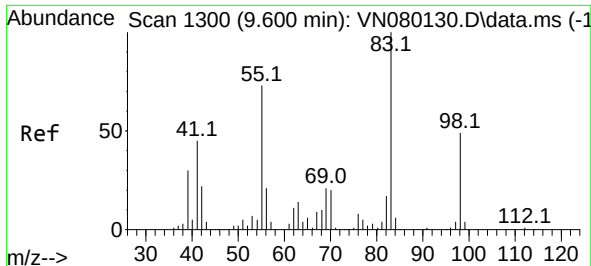
Lab File: VN080155.D

Acq: 17 Nov 2023 12:06

Tgt Ion:117 Resp: 93998

Ion	Ratio	Lower	Upper
117	100		
119	104.5	77.3	115.9
121	30.3	23.3	34.9





#39

Methylcyclohexane

Concen: 17.905 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080155.D

Acq: 17 Nov 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBSD01

Tgt Ion: 83 Resp: 7004

Ion Ratio Lower Upper

83 100

55 69.3 49.1 73.7

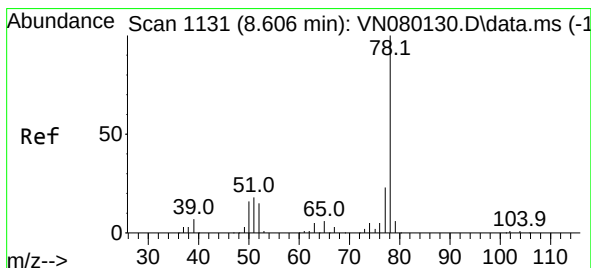
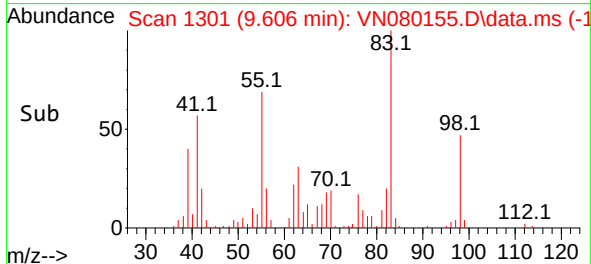
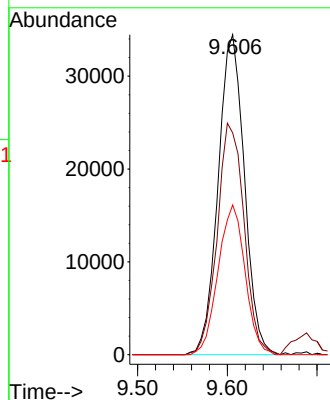
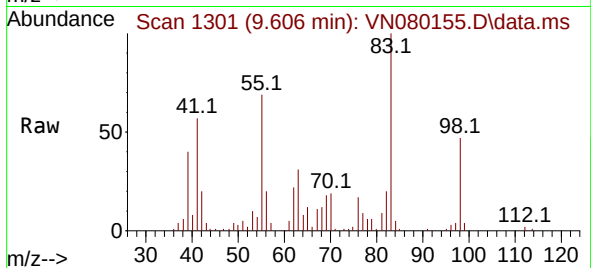
98 46.8 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#40

Benzene

Concen: 19.318 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080155.D

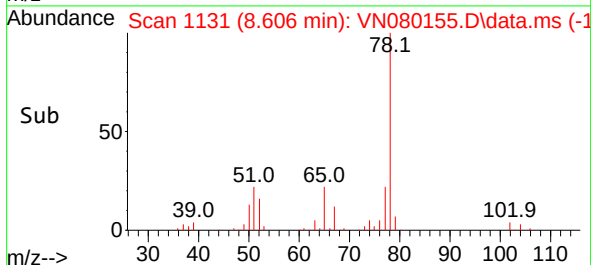
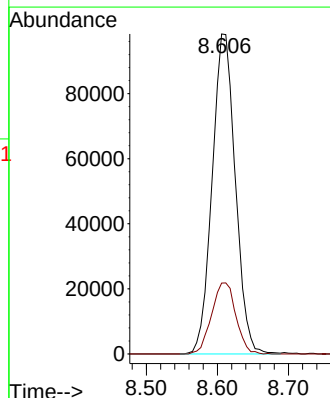
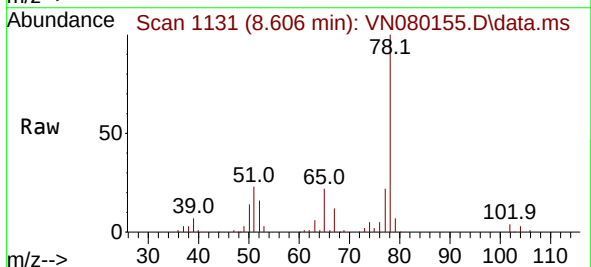
Acq: 17 Nov 2023 12:06

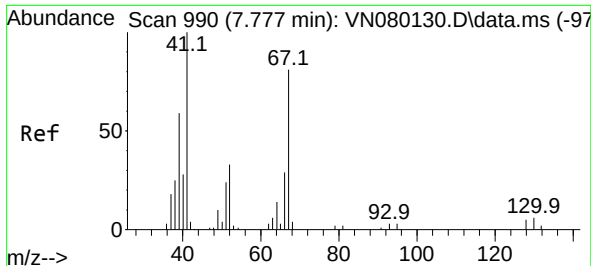
Tgt Ion: 78 Resp: 222765

Ion Ratio Lower Upper

78 100

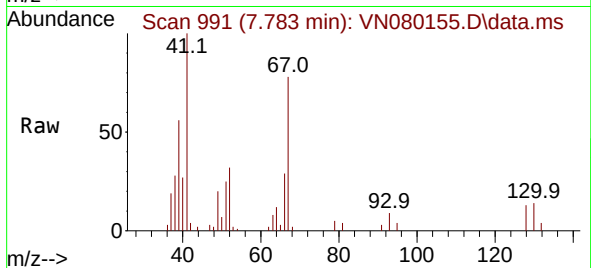
77 22.2 19.0 28.6





#41
Methacrylonitrile
Concen: 21.834 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

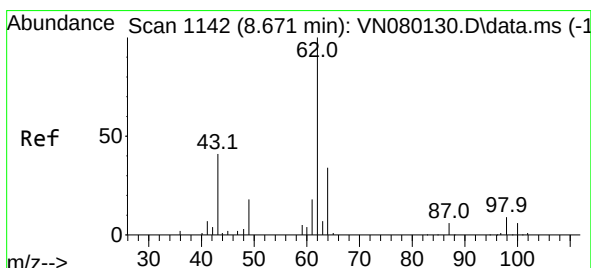
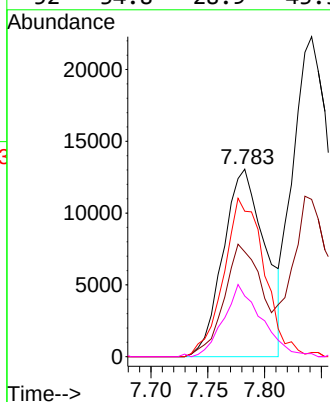
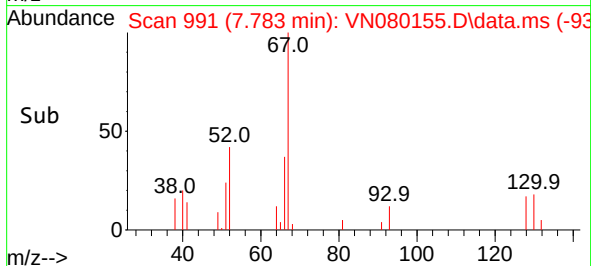
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBSD01



Tgt Ion: 41 Resp: 33749
Ion Ratio Lower Upper
41 100
39 53.0 42.6 64.0
67 81.9 77.5 116.3
52 34.8 28.9 43.3

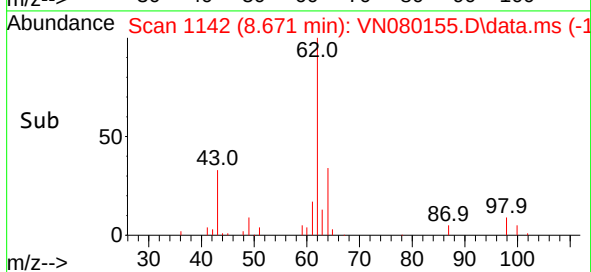
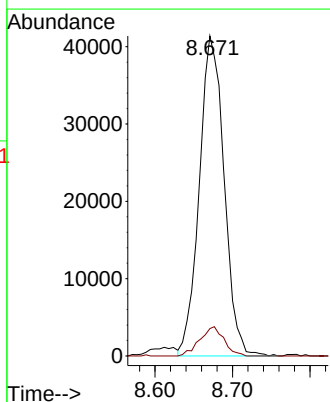
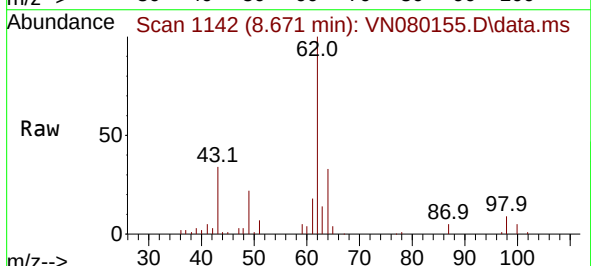
Manual Integrations
APPROVED

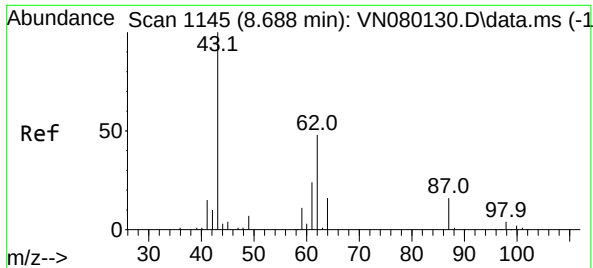
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#42
1,2-Dichloroethane
Concen: 19.523 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Tgt Ion: 62 Resp: 92103
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.8





#43

Isopropyl Acetate

Concen: 18.208 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080155.D

Acq: 17 Nov 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBSD01

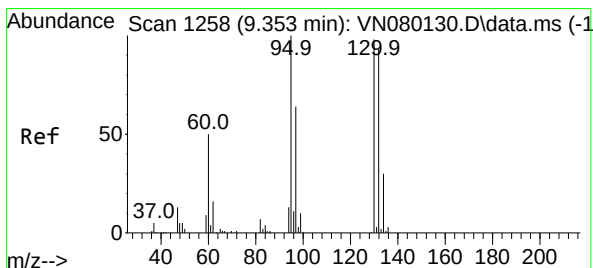
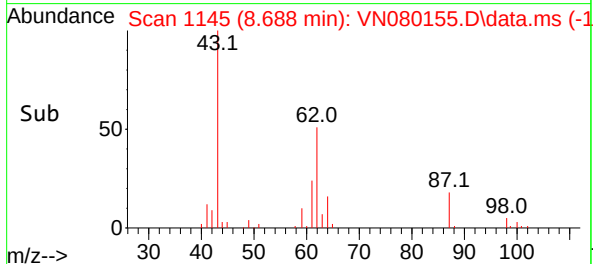
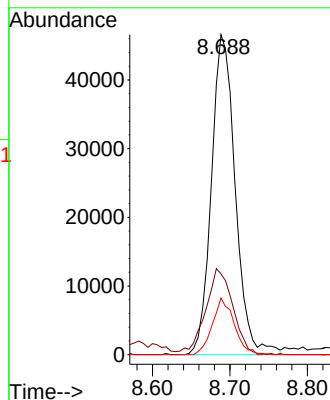
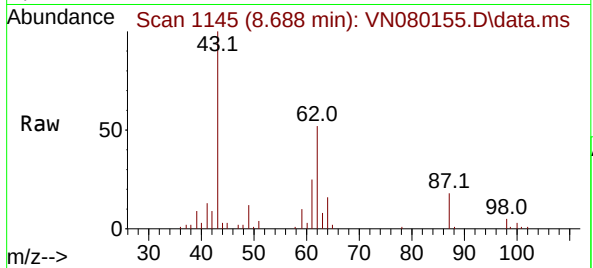
Tgt Ion: 43	Resp: 99720
Ion Ratio	Lower Upper
43	100
61	30.8 24.7 37.1
87	16.1 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#44

Trichloroethene

Concen: 18.957 ug/l

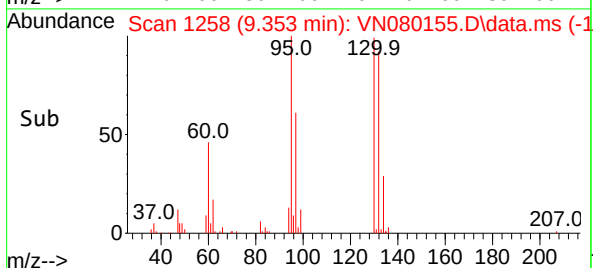
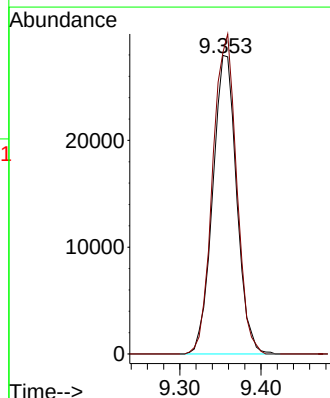
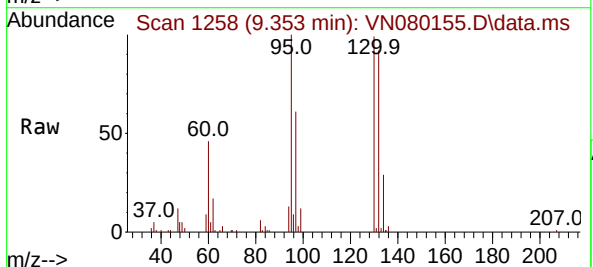
RT: 9.353 min Scan# 1258

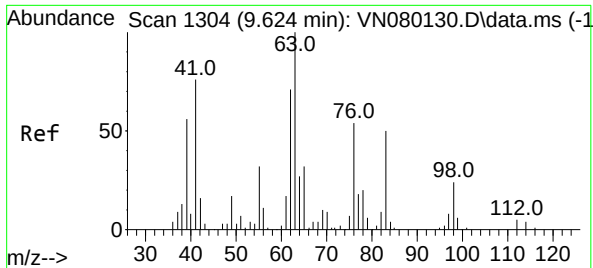
Delta R.T. -0.000 min

Lab File: VN080155.D

Acq: 17 Nov 2023 12:06

Tgt Ion:130	Resp: 57343
Ion Ratio	Lower Upper
130	100
95	101.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.306 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080155.D

Acq: 17 Nov 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBS01

Tgt Ion: 63 Resp: 54410

Ion Ratio Lower Upper

63 100

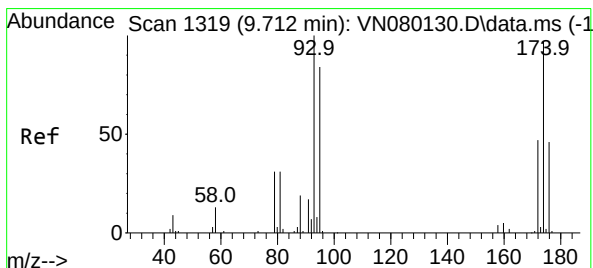
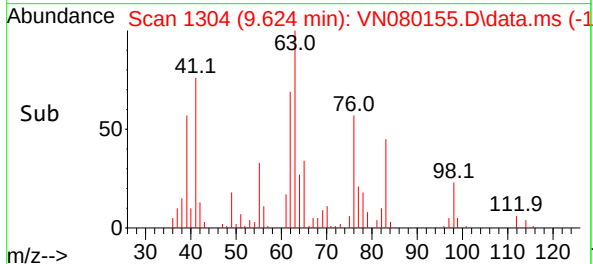
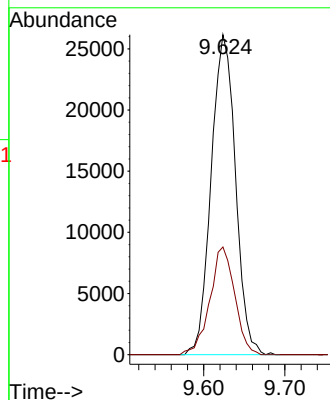
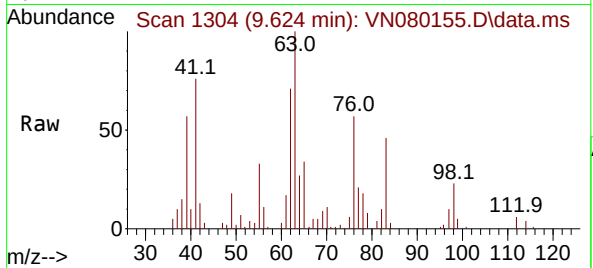
65 33.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#46

Dibromomethane

Concen: 20.224 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080155.D

Acq: 17 Nov 2023 12:06

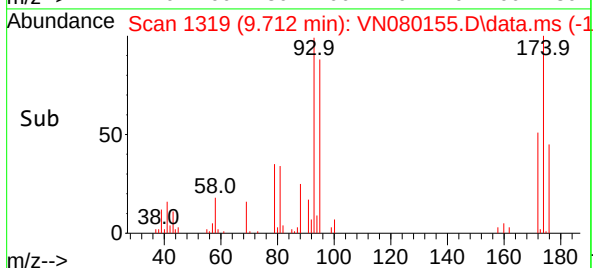
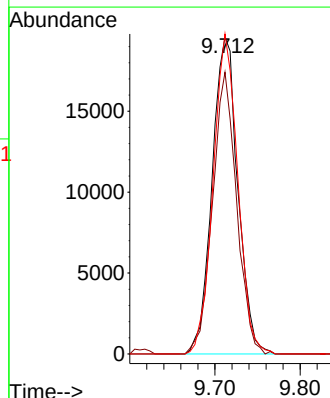
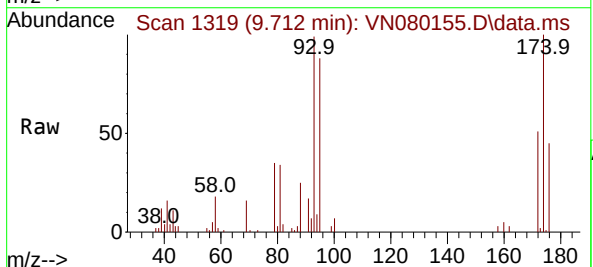
Tgt Ion: 93 Resp: 41026

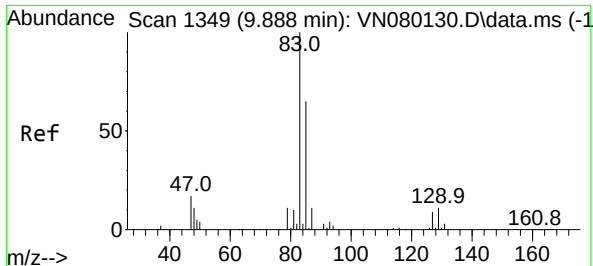
Ion Ratio Lower Upper

93 100

95 83.6 63.8 95.8

174 96.7 65.6 98.4





#47

Bromodichloromethane

Concen: 19.670 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN080155.D

Acq: 17 Nov 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBS01

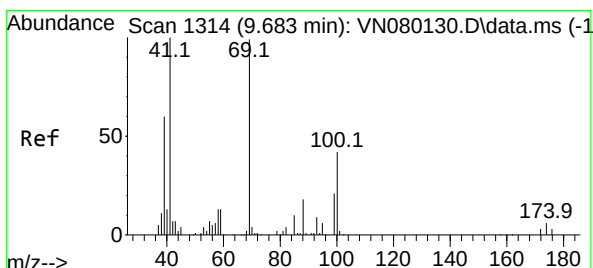
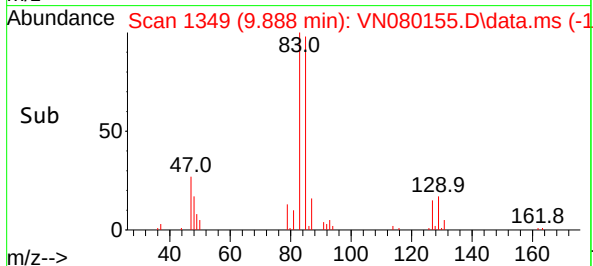
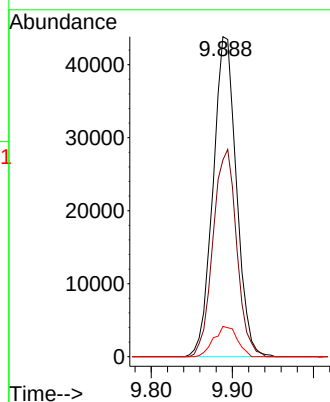
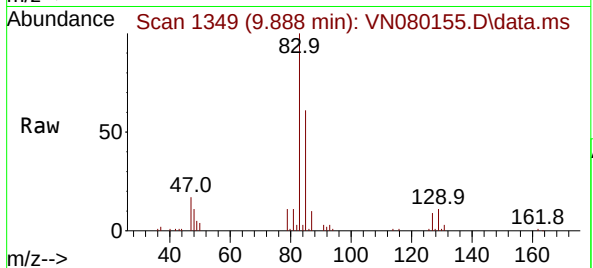
Tgt Ion: 83	Resp: 87770
Ion Ratio	Lower Upper
83 100	
85 61.5	49.6 74.4
127 9.4	7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#48

Methyl methacrylate

Concen: 20.181 ug/l

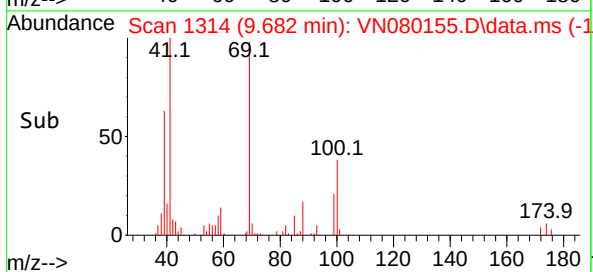
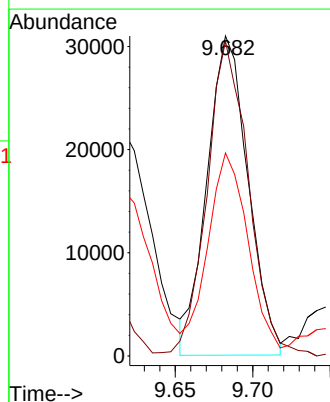
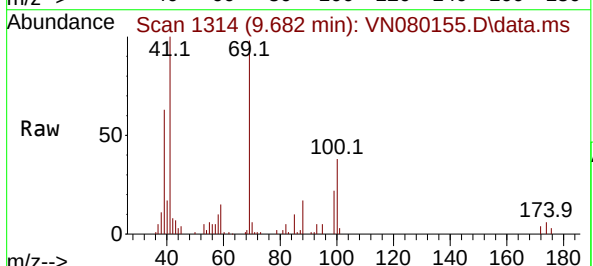
RT: 9.682 min Scan# 1314

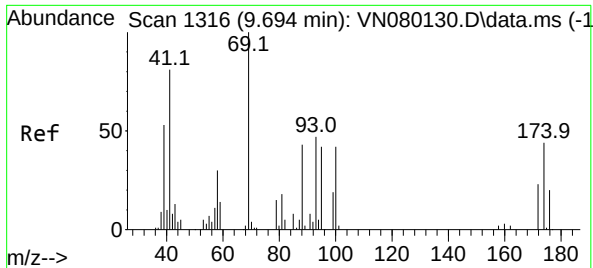
Delta R.T. -0.000 min

Lab File: VN080155.D

Acq: 17 Nov 2023 12:06

Tgt Ion: 41	Resp: 56956
Ion Ratio	Lower Upper
41 100	
69 100.2	90.4 135.6
39 63.2	54.6 81.8





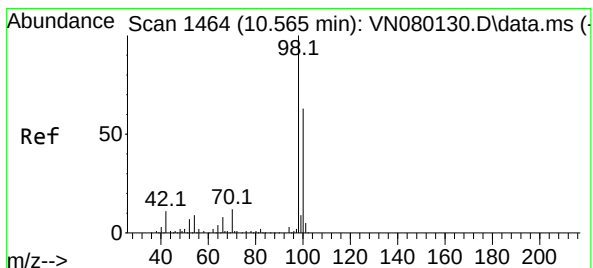
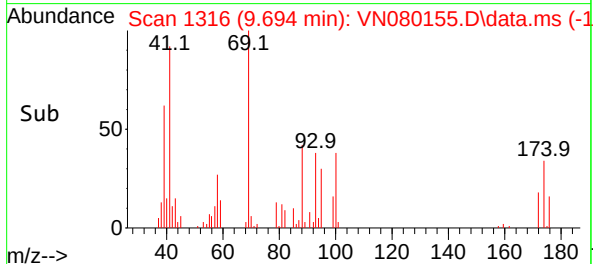
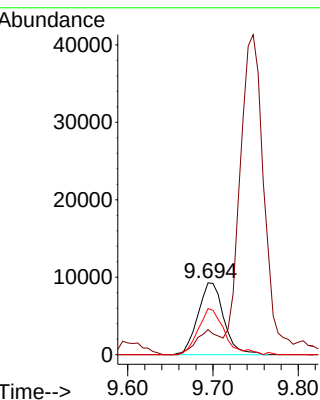
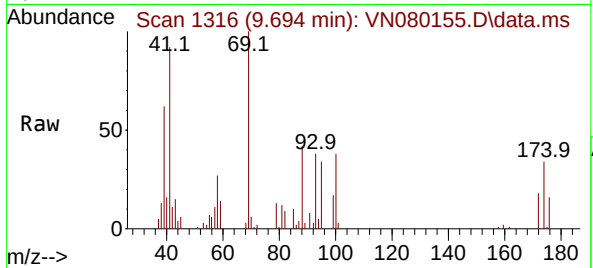
#49
1,4-Dioxane
Concen: 416.019 ug/l
RT: 9.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBSD01

Tgt Ion: 88 Resp: 1953
Ion Ratio Lower Upper
88 100
43 31.8 17.0 25.6
58 64.7 47.0 70.4

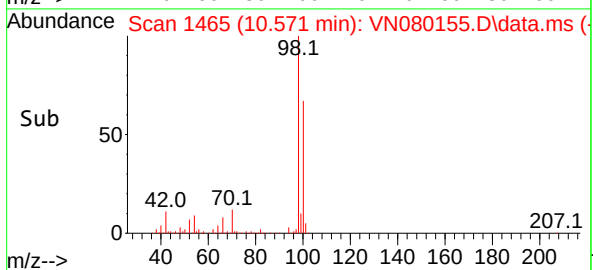
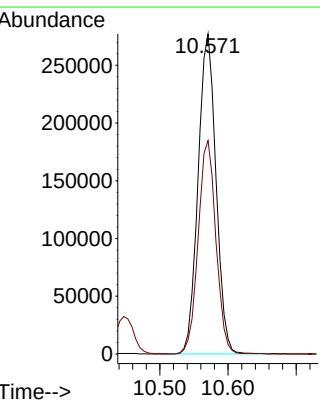
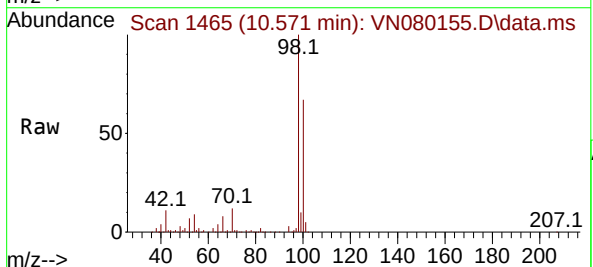
Manual Integrations
APPROVED

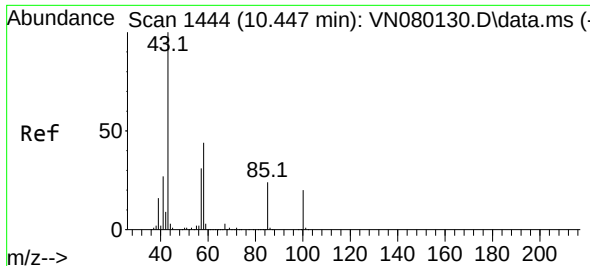
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#50
Toluene-d8
Concen: 50.200 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

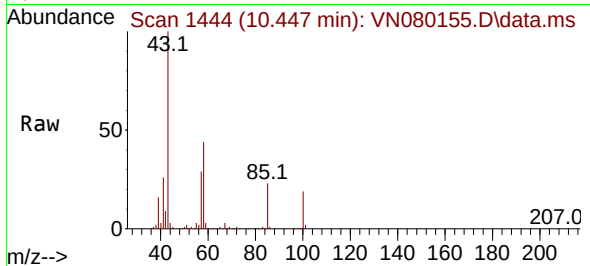
Tgt Ion: 98 Resp: 507129
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 106.854 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

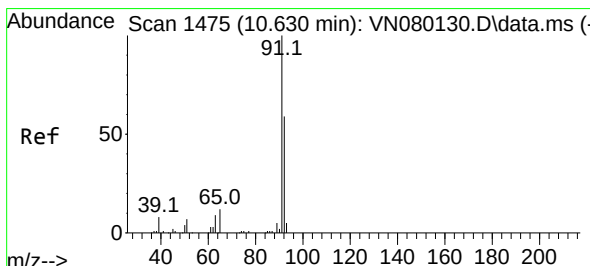
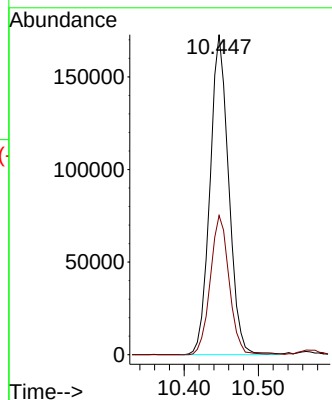
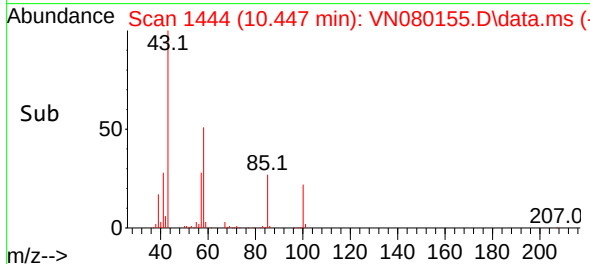
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBSD01



Tgt Ion: 43 Resp: 30297
Ion Ratio Lower Upper
43 100
58 43.6 36.6 54.8

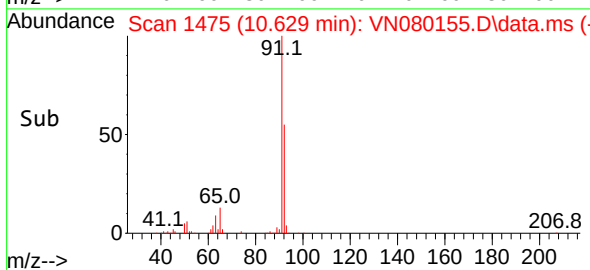
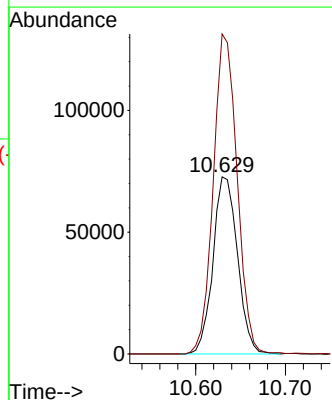
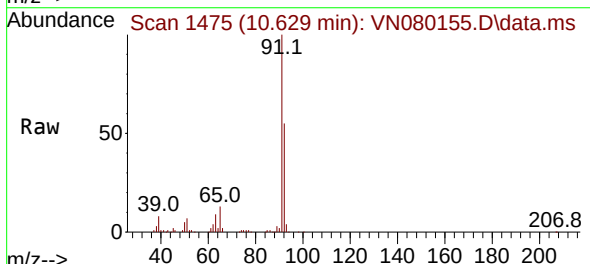
Manual Integrations
APPROVED

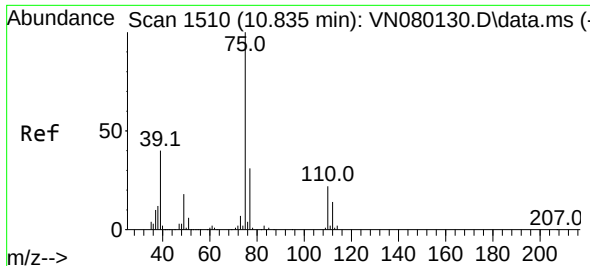
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#52
Toluene
Concen: 19.091 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Tgt Ion: 92 Resp: 137775
Ion Ratio Lower Upper
92 100
91 176.0 137.4 206.0





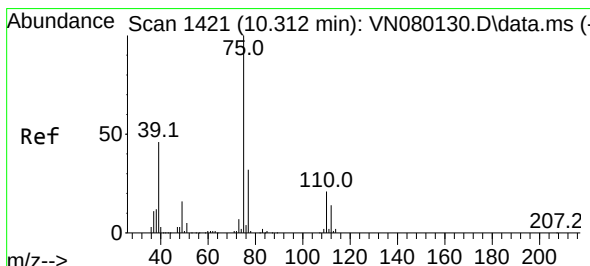
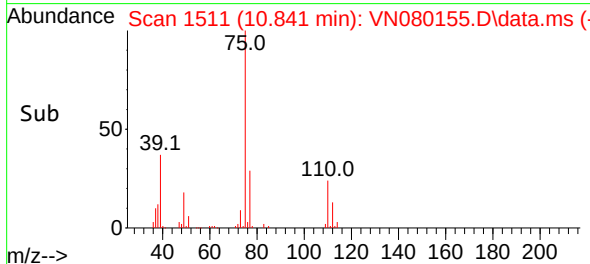
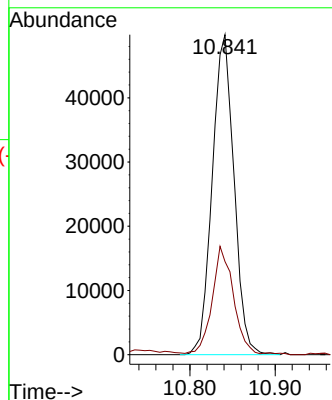
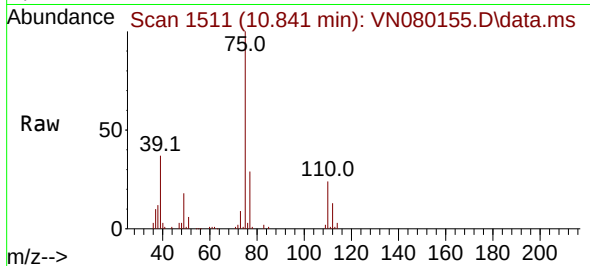
#53
t-1,3-Dichloropropene
Concen: 19.293 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01

Tgt Ion: 75 Resp: 8845
Ion Ratio Lower Upper
75 100
77 28.6 25.4 38.0

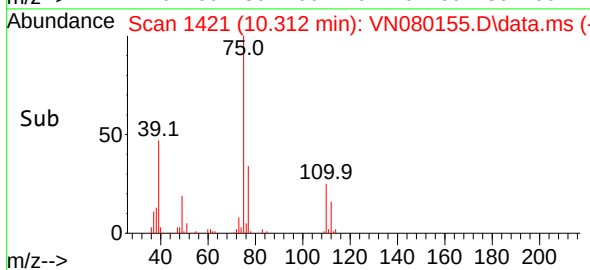
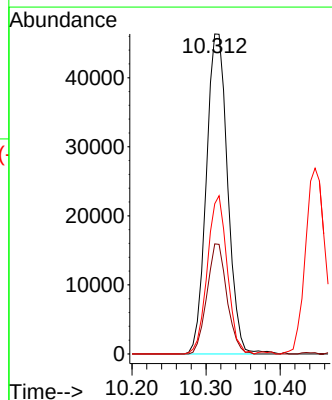
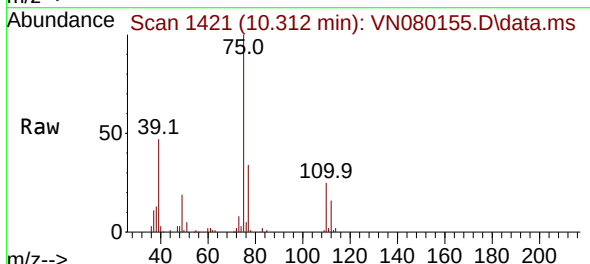
Manual Integrations
APPROVED

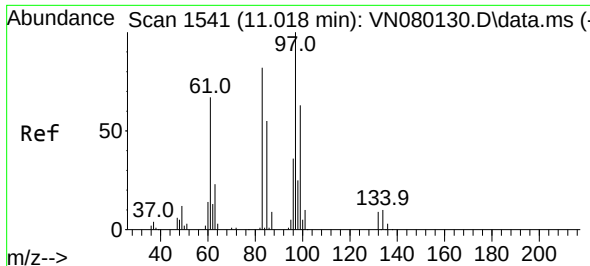
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#54
cis-1,3-Dichloropropene
Concen: 19.764 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

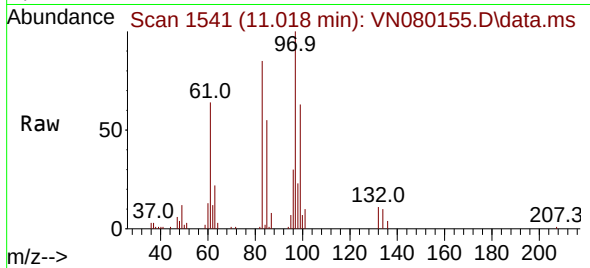
Tgt Ion: 75 Resp: 92573
Ion Ratio Lower Upper
75 100
77 34.4 26.1 39.1
39 46.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.107 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

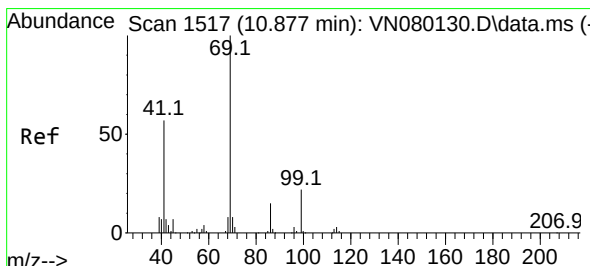
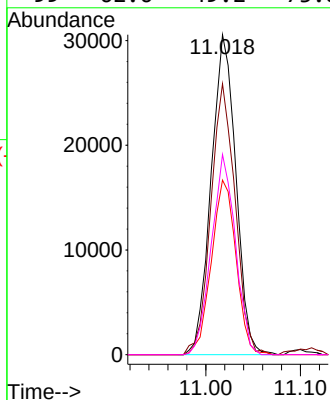
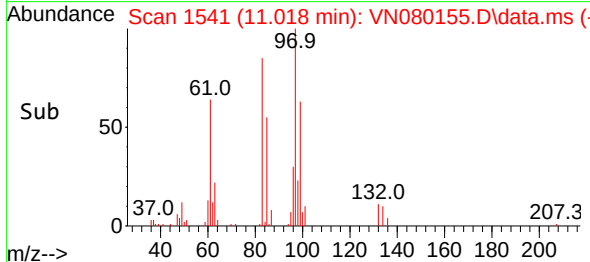
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBSD01



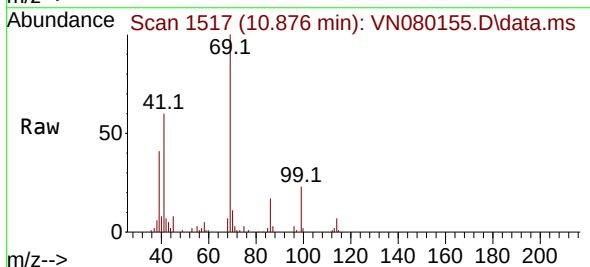
Tgt Ion:	97	Resp:	5538
Ion Ratio	100	Lower	Upper
83	84.6	65.1	97.7
85	54.5	43.4	65.2
99	62.6	49.2	73.8

Manual Integrations
APPROVED

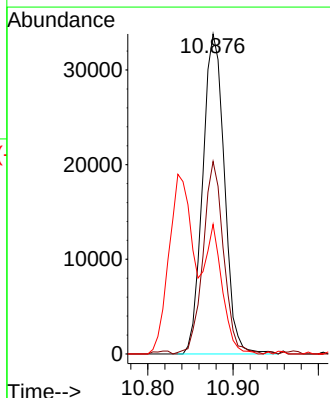
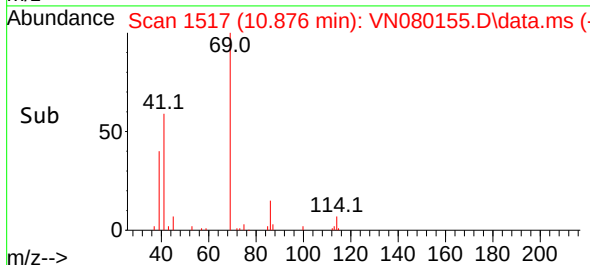
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

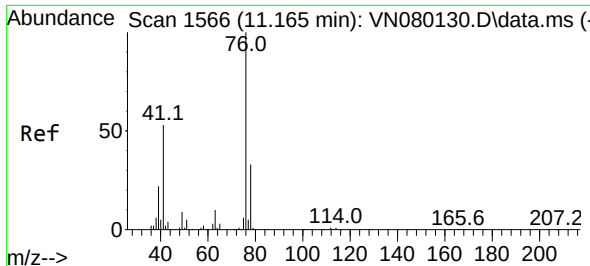


#56
Ethyl methacrylate
Concen: 21.239 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06



Tgt Ion:	69	Resp:	59762
Ion Ratio	100	Lower	Upper
41	57.1	39.6	59.4
39	28.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.124 ug/l

RT: 11.165 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN080155.D

Acq: 17 Nov 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBS01

Tgt Ion: 76 Resp: 96770

Ion Ratio Lower Upper

76 100

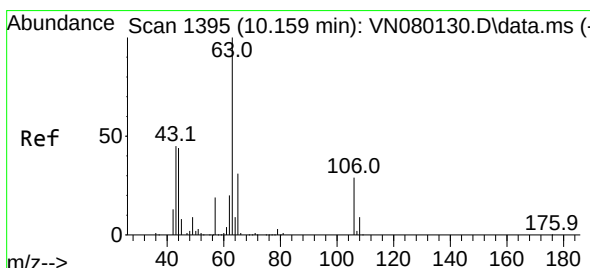
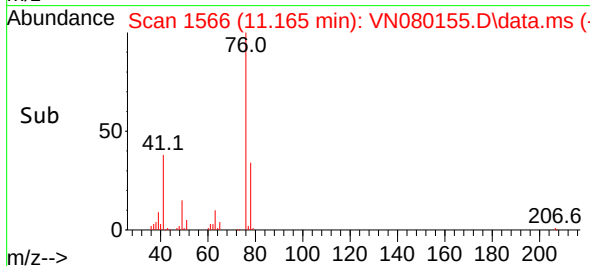
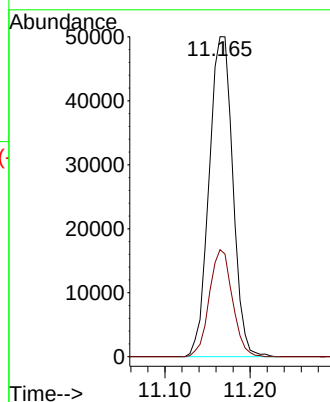
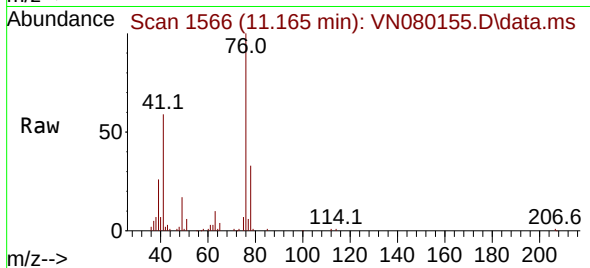
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 113.907 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080155.D

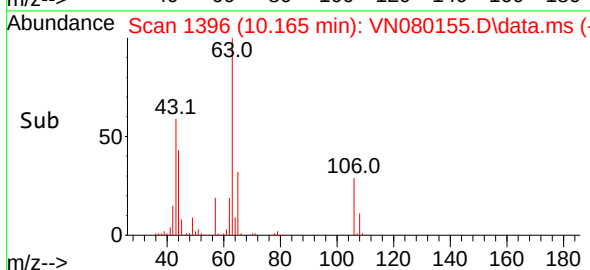
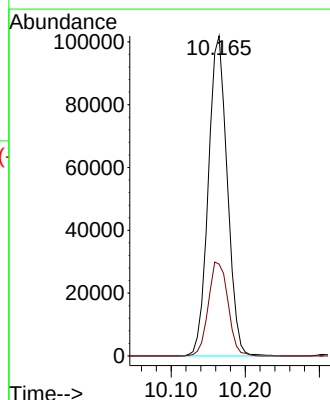
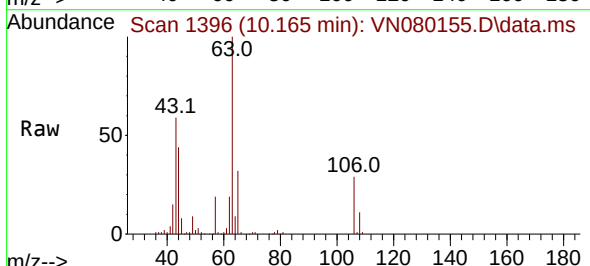
Acq: 17 Nov 2023 12:06

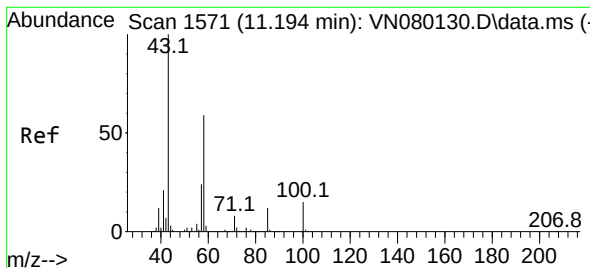
Tgt Ion: 63 Resp: 180568

Ion Ratio Lower Upper

63 100

106 30.5 26.2 39.4





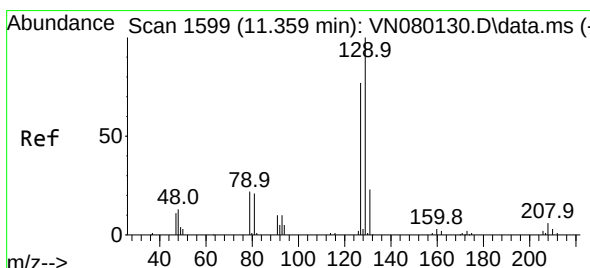
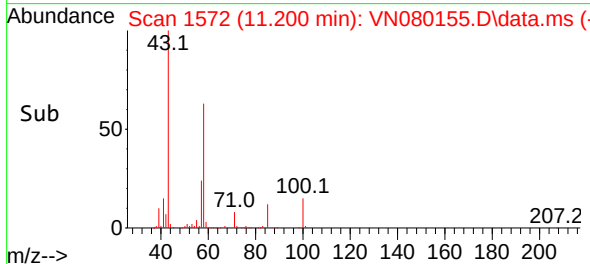
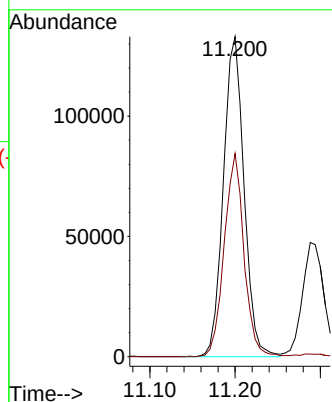
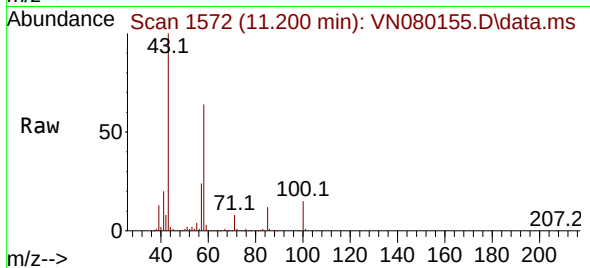
#59
2-Hexanone
Concen: 98.405 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBSD01

Tgt Ion: 43 Resp: 224204
Ion Ratio Lower Upper
43 100
58 60.8 31.7 95.1

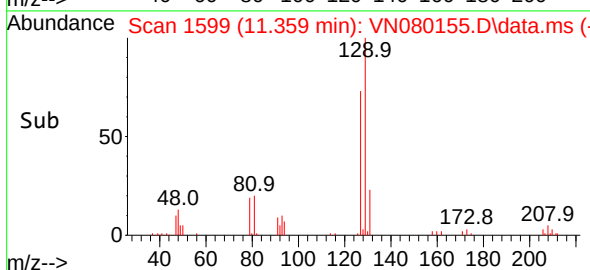
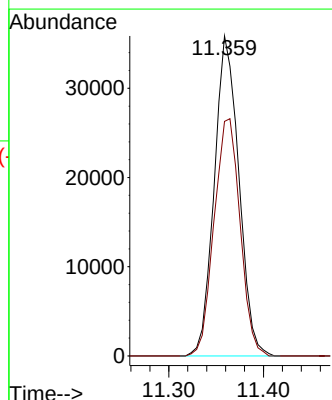
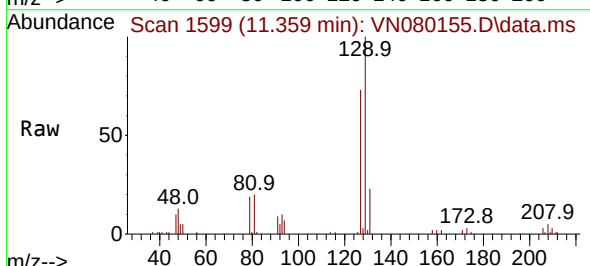
Manual Integrations
APPROVED

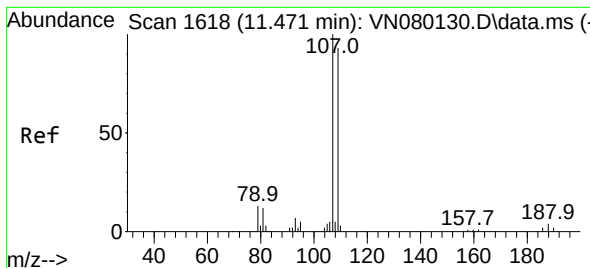
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#60
Dibromochloromethane
Concen: 19.651 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Tgt Ion:129 Resp: 64801
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0





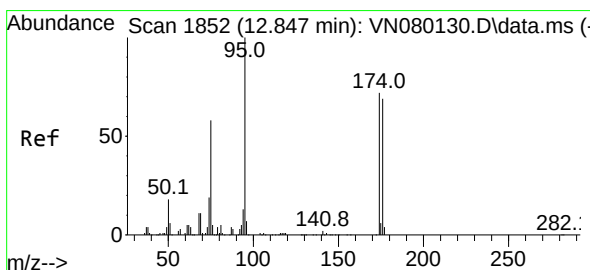
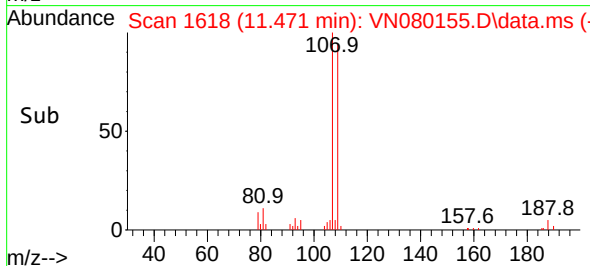
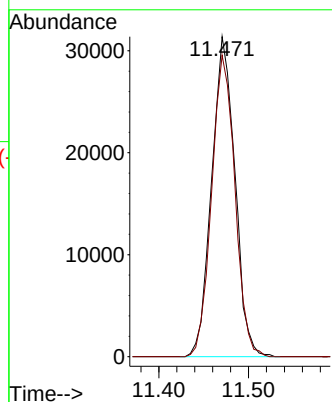
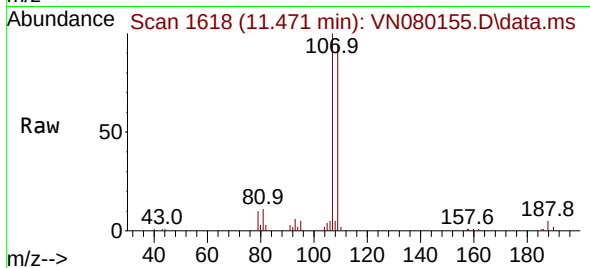
#61
1,2-Dibromoethane
Concen: 20.114 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBSD01

Tgt Ion:107 Resp: 56520
Ion Ratio Lower Upper
107 100
109 94.2 76.6 114.8

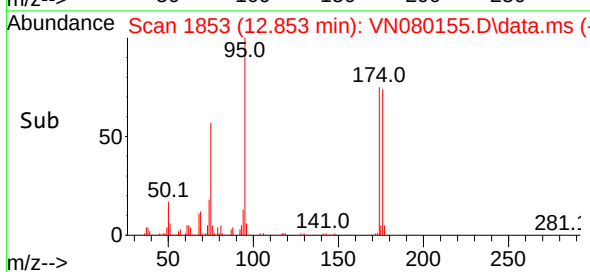
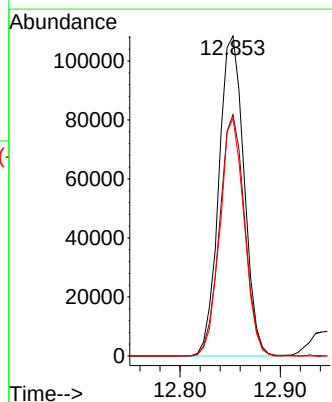
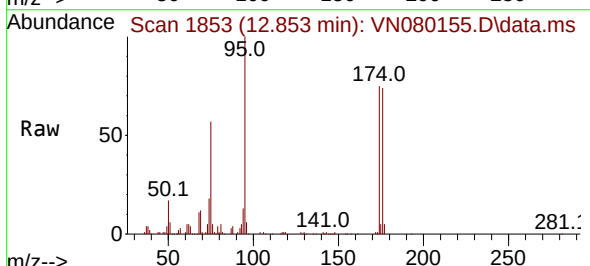
Manual Integrations
APPROVED

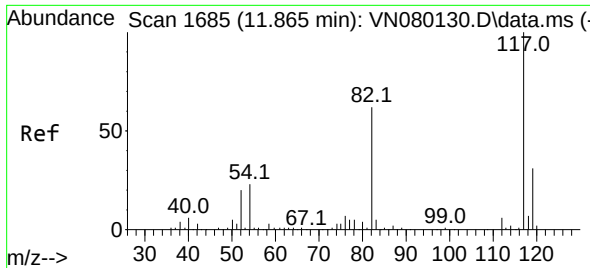
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#62
4-Bromofluorobenzene
Concen: 49.509 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

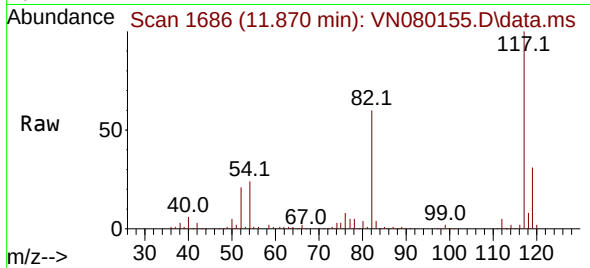
Tgt Ion: 95 Resp: 188912
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 71.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

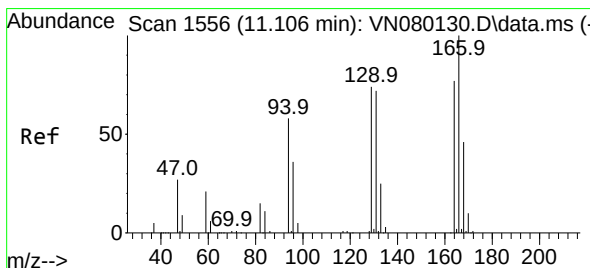
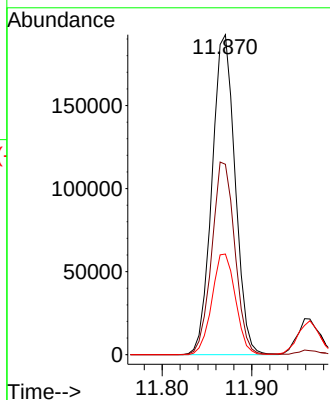
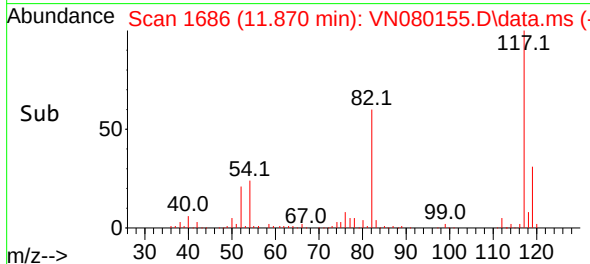
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



Tgt Ion:117 Resp: 344784
Ion Ratio Lower Upper
117 100
82 59.5 44.0 66.0
119 31.5 25.6 38.4

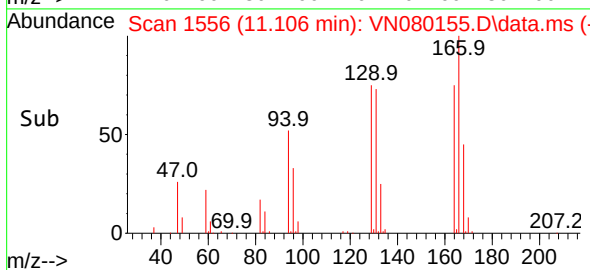
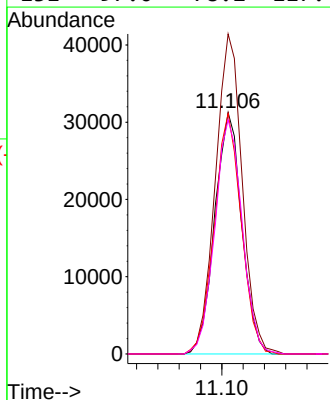
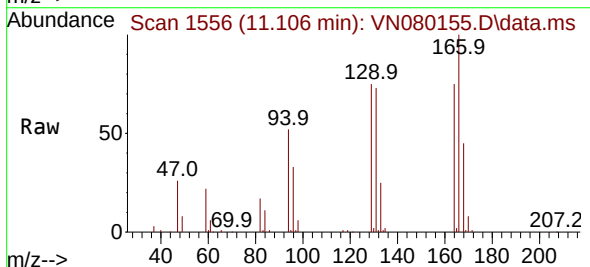
Manual Integrations
APPROVED

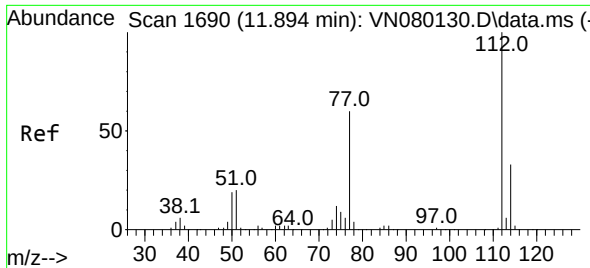
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#64
Tetrachloroethene
Concen: 20.845 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Tgt Ion:164 Resp: 54849
Ion Ratio Lower Upper
164 100
166 132.5 101.4 152.0
129 99.6 82.4 123.6
131 97.0 78.2 117.4





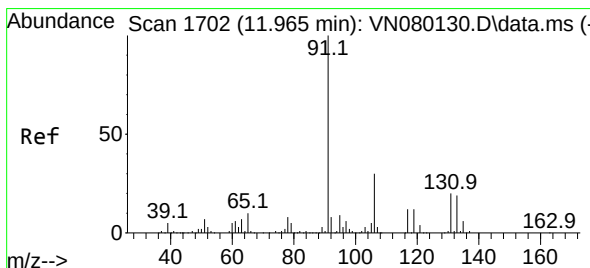
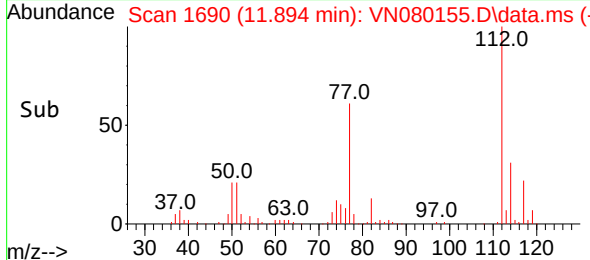
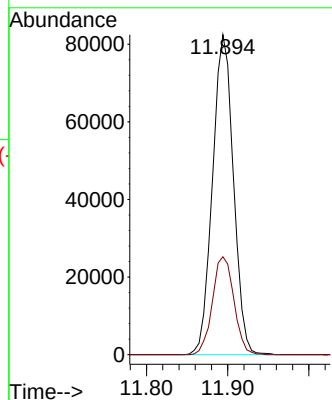
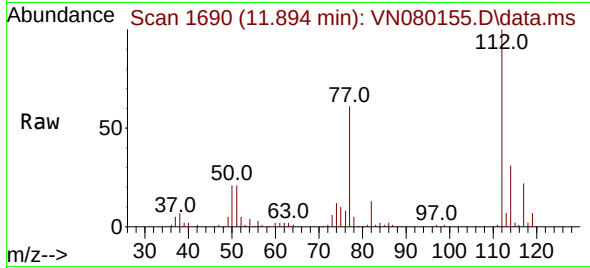
#65
Chlorobenzene
Concen: 18.883 ug/l
RT: 11.894 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01

Tgt Ion:112 Resp: 14752
Ion Ratio Lower Upper
112 100
114 30.6 25.0 37.4

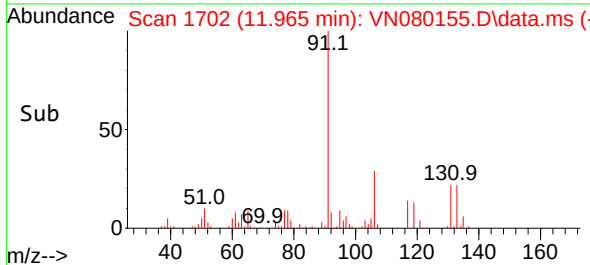
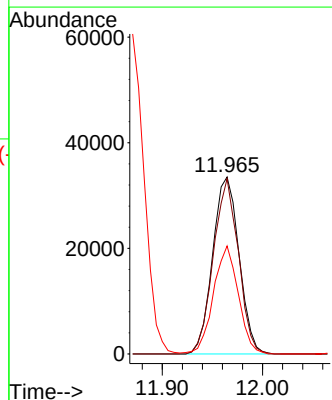
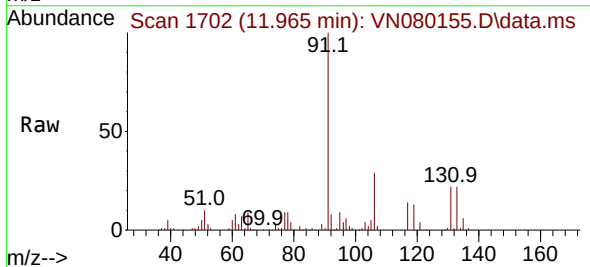
Manual Integrations
APPROVED

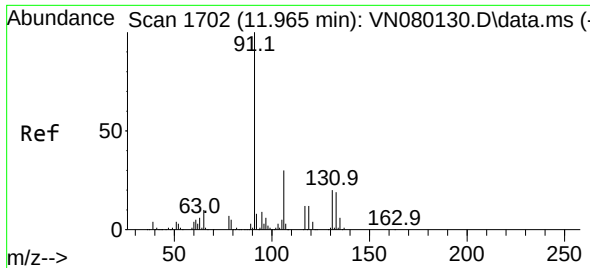
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.201 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Tgt Ion:131 Resp: 61246
Ion Ratio Lower Upper
131 100
133 94.1 46.4 139.1
119 57.5 34.1 102.2





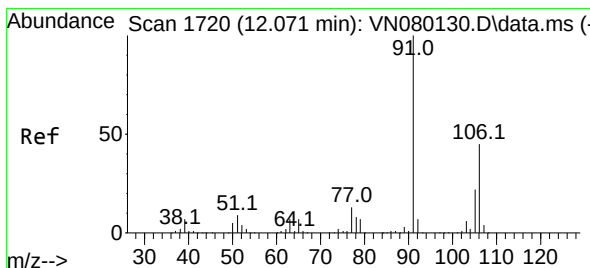
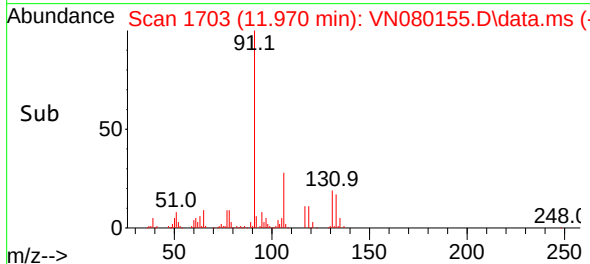
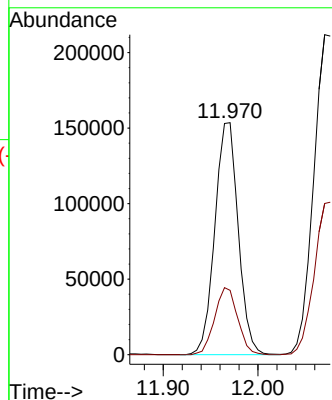
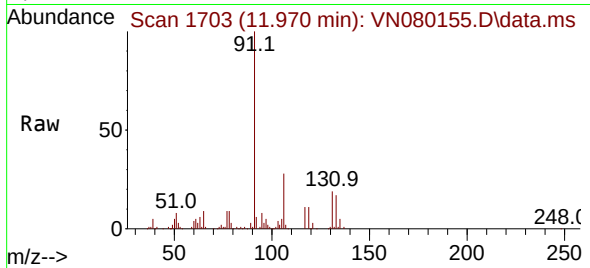
#67
Ethyl Benzene
Concen: 18.961 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBSD01

Tgt Ion: 91 Resp: 263589
Ion Ratio Lower Upper
91 100
106 27.7 25.6 38.4

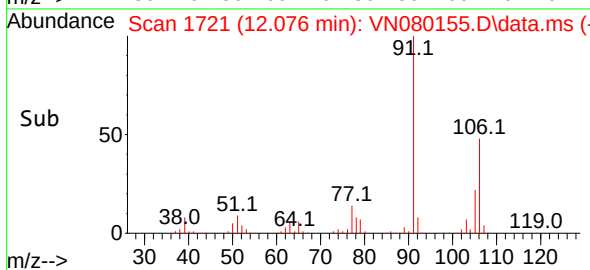
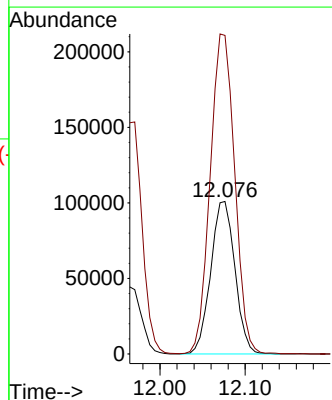
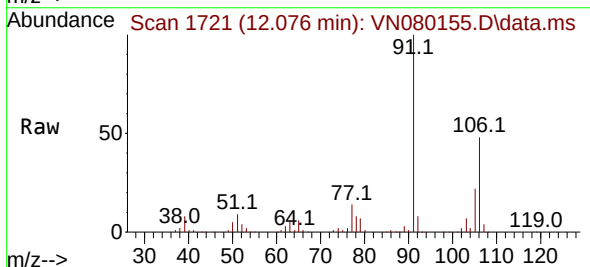
Manual Integrations
APPROVED

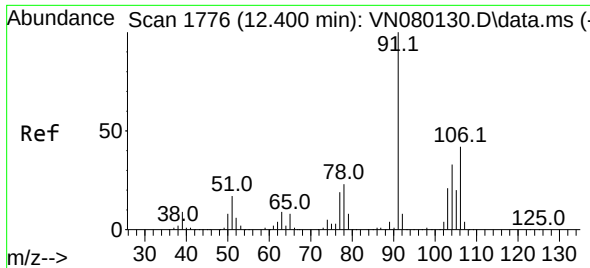
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#68
m/p-Xylenes
Concen: 39.299 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Tgt Ion:106 Resp: 199197
Ion Ratio Lower Upper
106 100
91 212.9 159.6 239.4





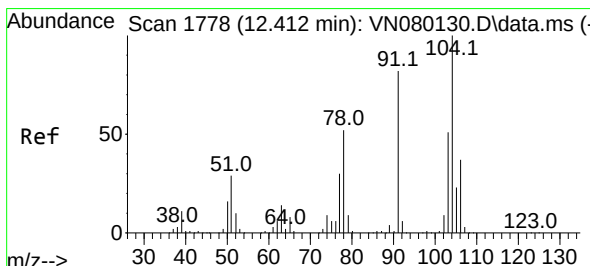
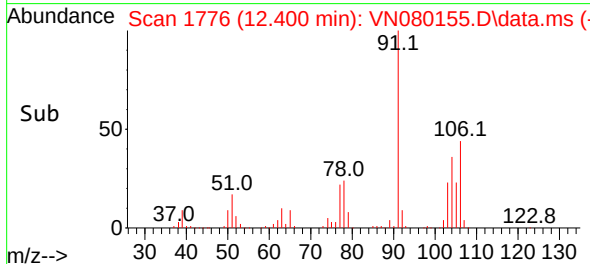
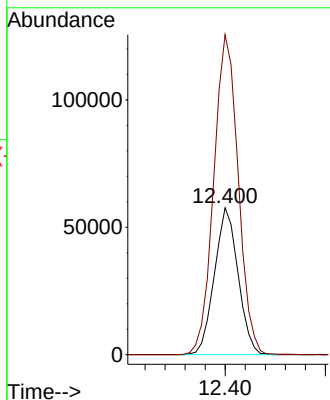
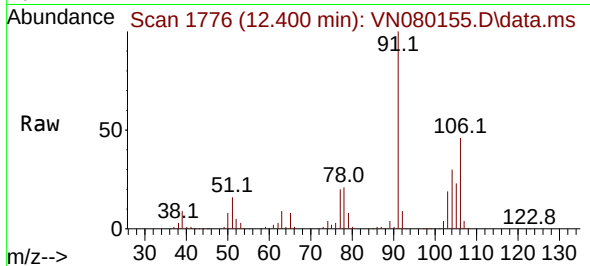
#69
o-Xylene
Concen: 19.702 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01

Tgt Ion:106 Resp: 9411
Ion Ratio Lower Upper
106 100
91 225.9 105.2 315.5

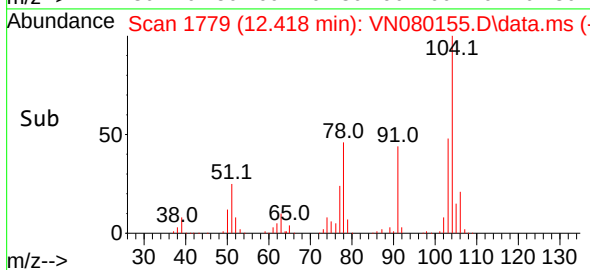
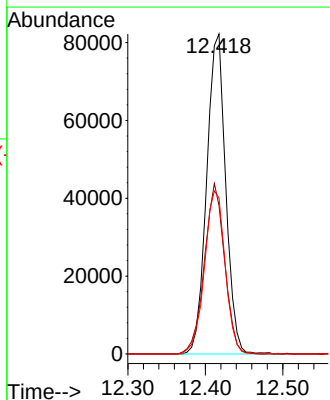
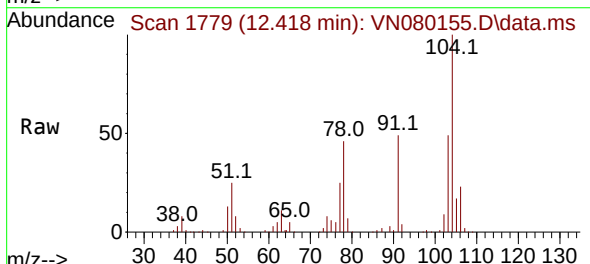
Manual Integrations
APPROVED

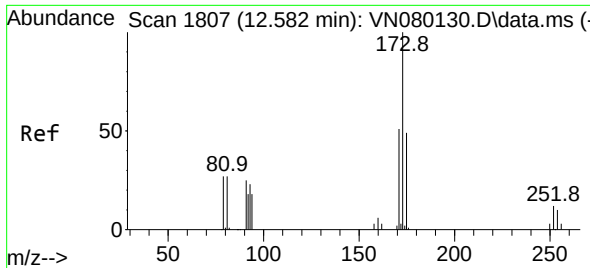
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#70
Styrene
Concen: 19.763 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

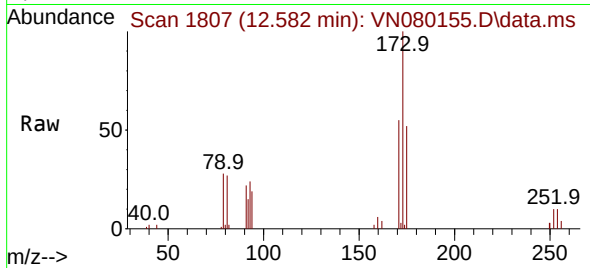
Tgt Ion:104 Resp: 140512
Ion Ratio Lower Upper
104 100
78 56.6 39.5 59.3
103 55.2 43.2 64.8





#71
Bromoform
Concen: 19.583 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

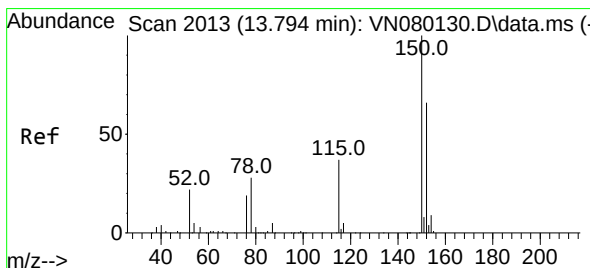
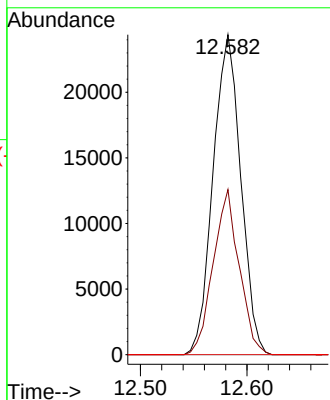
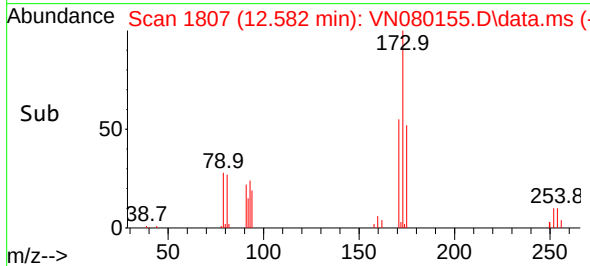
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBSD01



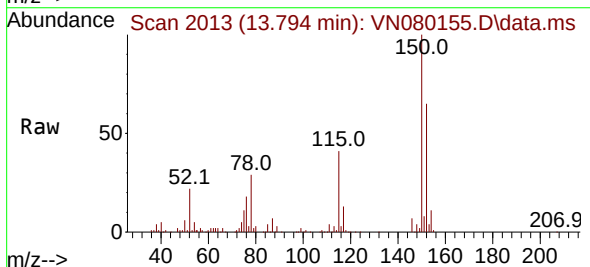
Tgt Ion:173 Resp: 44030
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

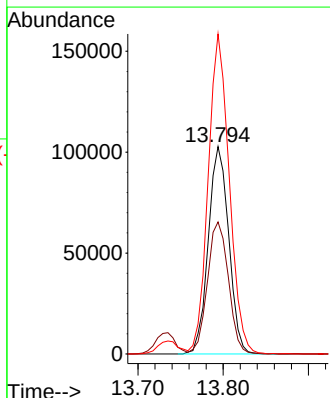
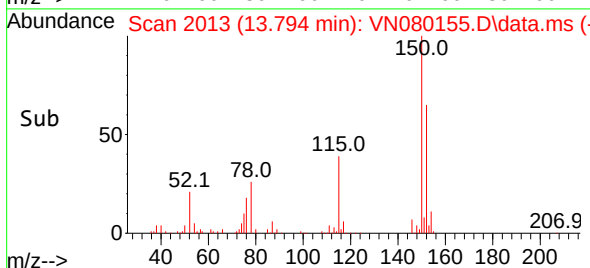
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

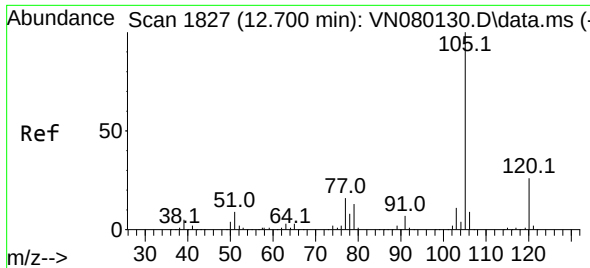


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06



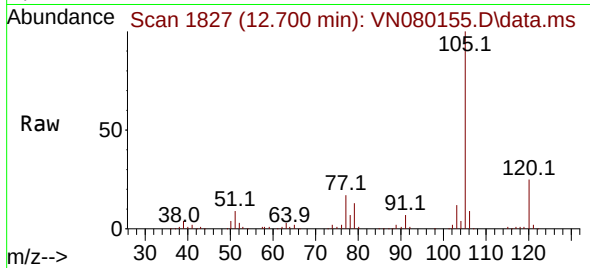
Tgt Ion:152 Resp: 171138
Ion Ratio Lower Upper
152 100
115 65.4 32.3 96.8
150 159.2 0.0 355.8





#73
Isopropylbenzene
Concen: 18.421 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

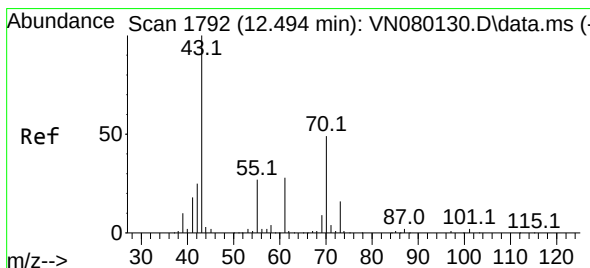
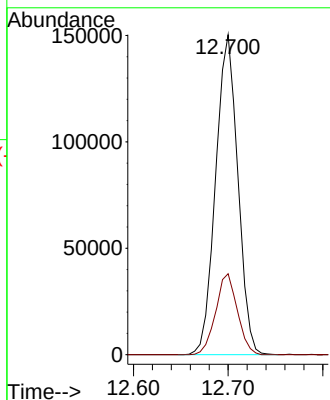
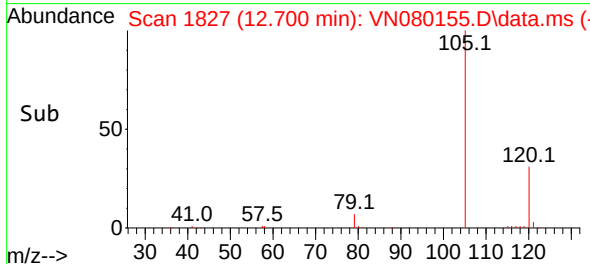
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



Tgt Ion:105 Resp: 24497
Ion Ratio Lower Upper
105 100
120 24.7 13.1 39.1

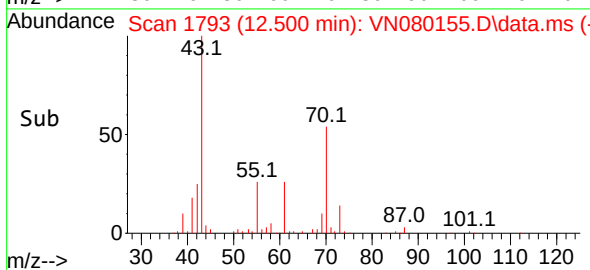
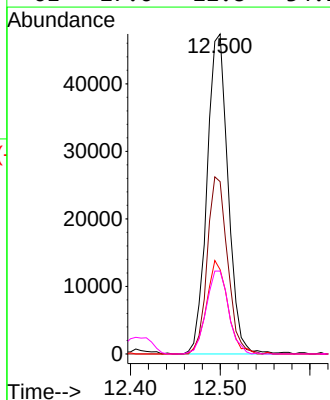
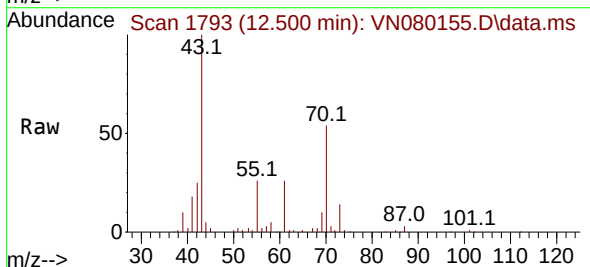
Manual Integrations
APPROVED

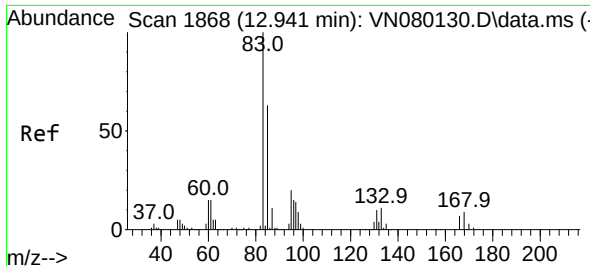
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#74
N-ethyl acetate
Concen: 18.582 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Tgt Ion: 43 Resp: 77063
Ion Ratio Lower Upper
43 100
70 53.4 43.4 65.2
55 29.1 21.4 32.0
61 27.6 22.8 34.2





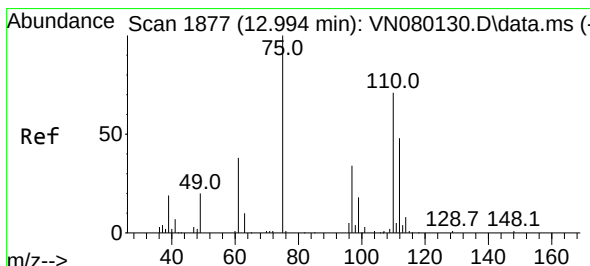
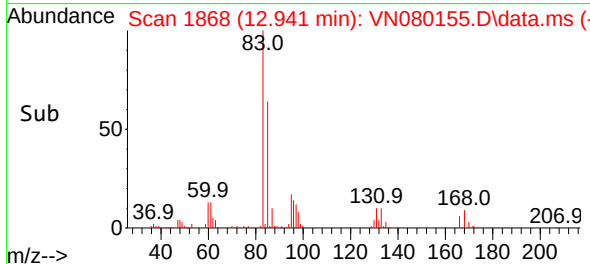
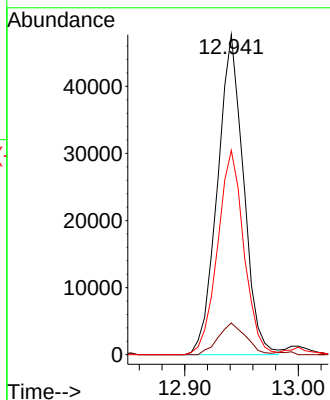
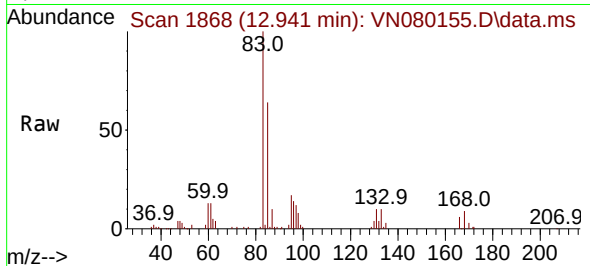
#75
1,1,2,2-Tetrachloroethane
Concen: 19.089 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBSD01

Tgt Ion: 83 Resp: 75980
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 64.6 31.9 95.7

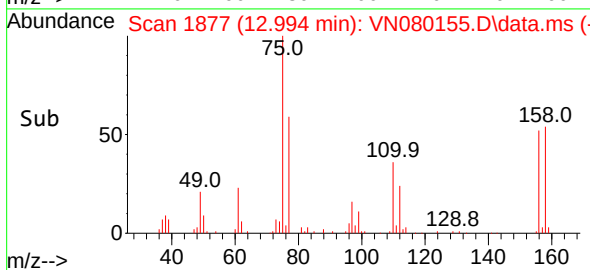
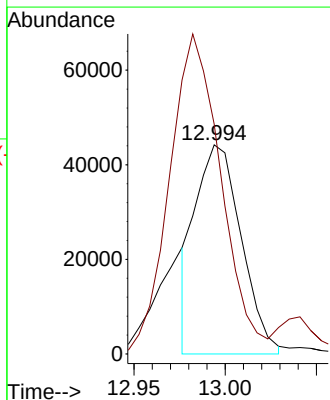
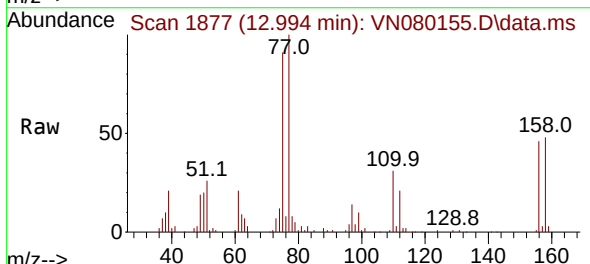
Manual Integrations
APPROVED

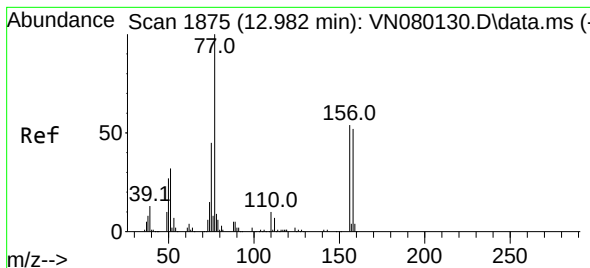
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#76
1,2,3-Trichloropropane
Concen: 18.384 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Tgt Ion: 75 Resp: 77089
Ion Ratio Lower Upper
75 100
77 172.3 84.5 253.5





#77

Bromobenzene

Concen: 18.338 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080155.D

Acq: 17 Nov 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBSD01

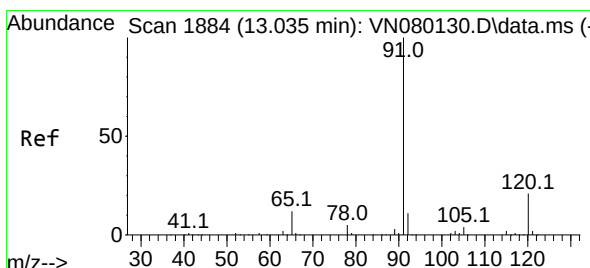
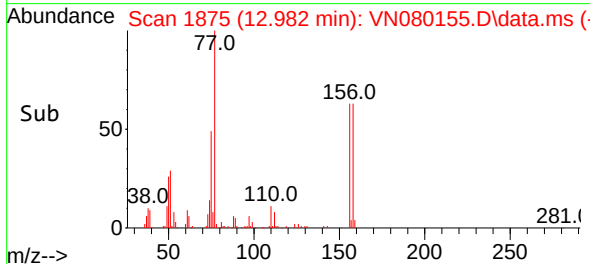
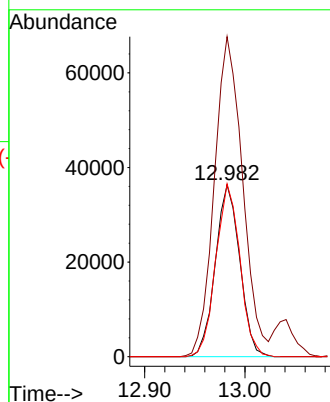
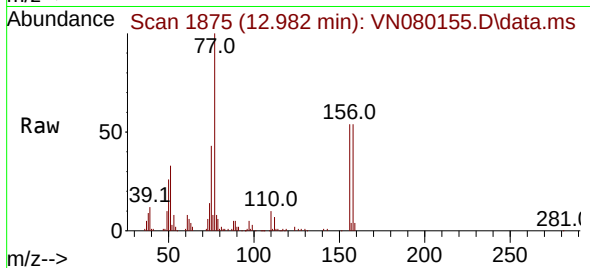
Tgt Ion:156 Resp: 61480
 Ion Ratio Lower Upper
 156 100
 77 216.0 107.7 323.3
 158 99.4 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#78

n-propylbenzene

Concen: 18.196 ug/l

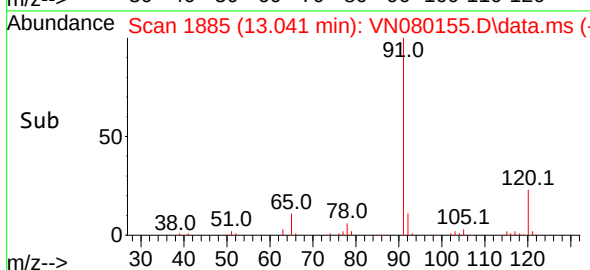
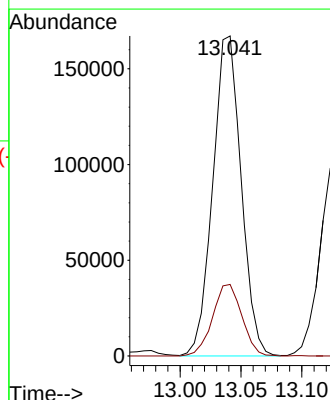
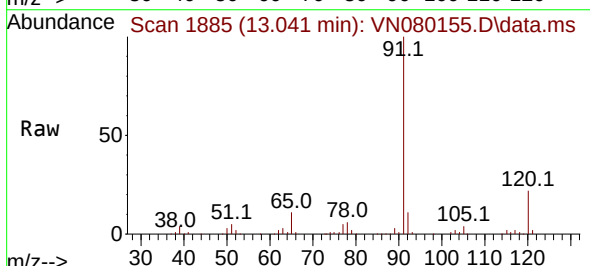
RT: 13.041 min Scan# 1885

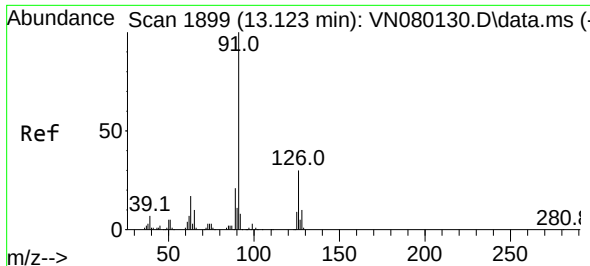
Delta R.T. 0.006 min

Lab File: VN080155.D

Acq: 17 Nov 2023 12:06

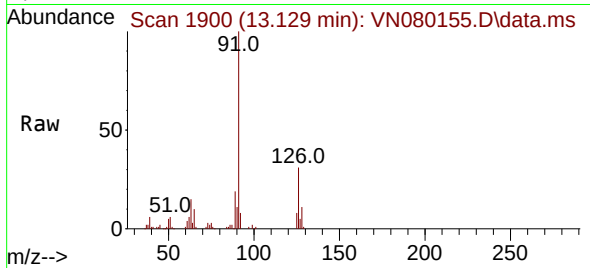
Tgt Ion: 91 Resp: 270586
 Ion Ratio Lower Upper
 91 100
 120 23.1 11.5 34.4





#79
2-Chlorotoluene
Concen: 18.946 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

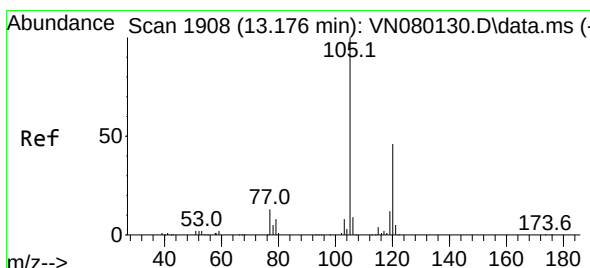
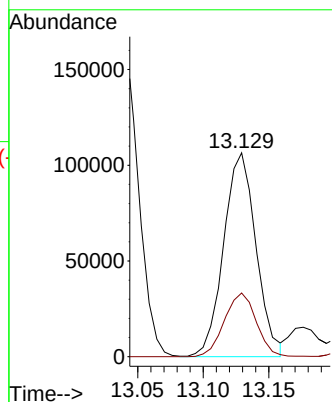
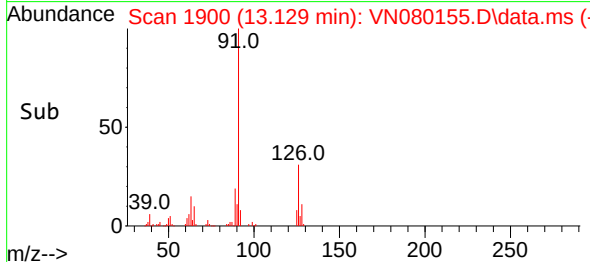
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBSD01



Tgt Ion: 91 Resp: 182990
Ion Ratio Lower Upper
91 100
126 30.8 16.3 48.8

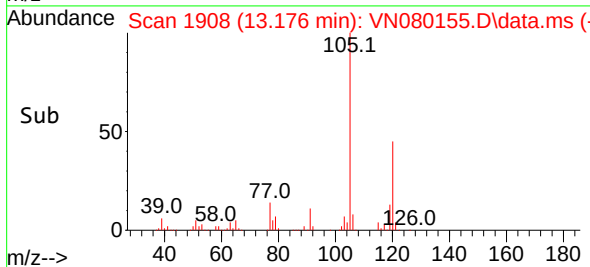
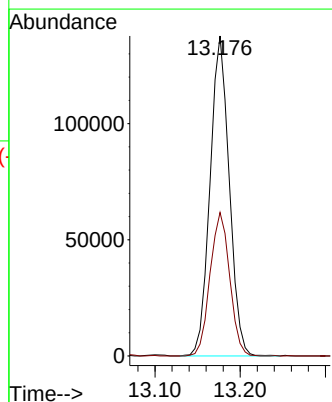
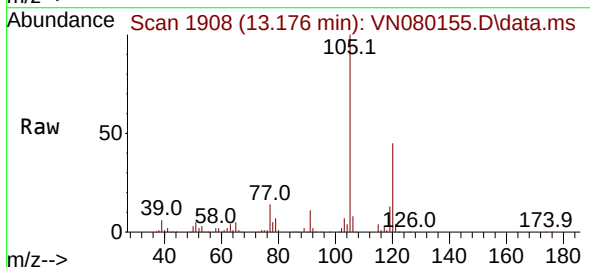
Manual Integrations
APPROVED

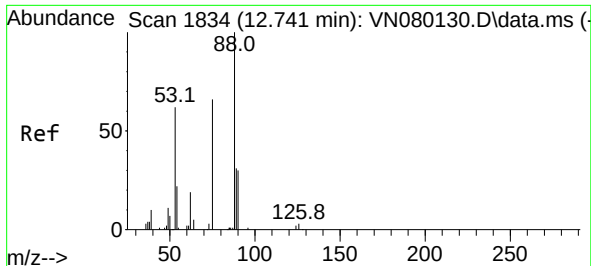
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.603 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

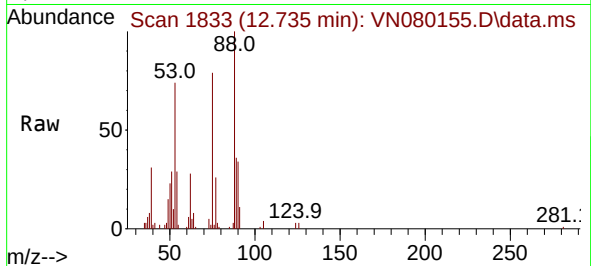
Tgt Ion:105 Resp: 215352
Ion Ratio Lower Upper
105 100
120 45.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 21.010 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

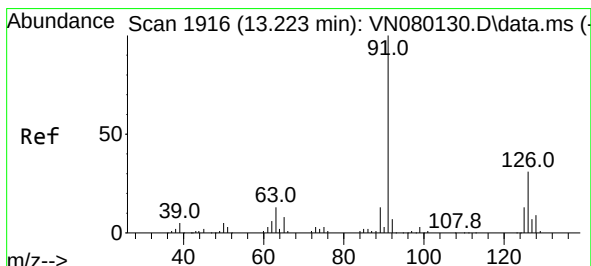
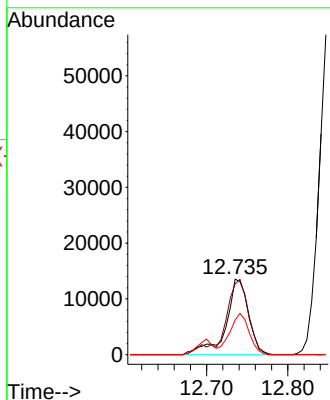
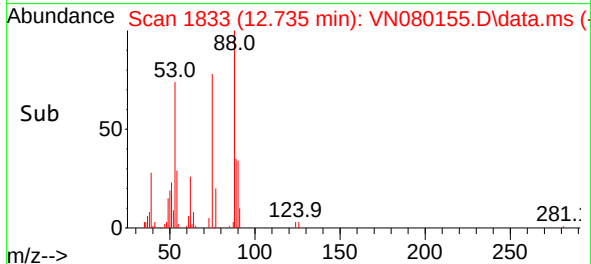
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



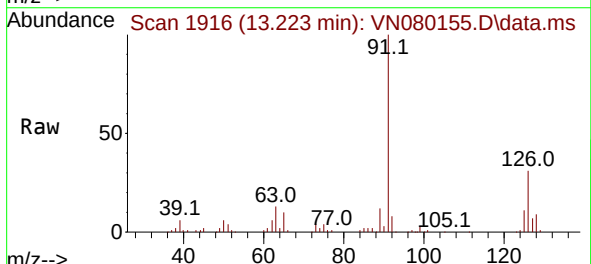
Tgt Ion: 75 Resp: 2607
Ion Ratio Lower Upper
75 100
53 90.5 67.4 101.2
89 47.0 38.8 58.2

Manual Integrations
APPROVED

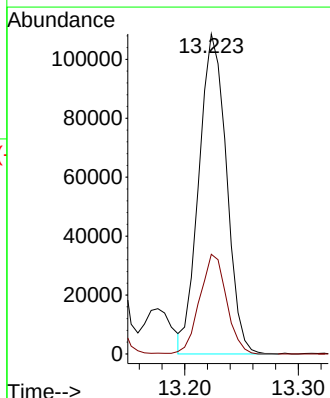
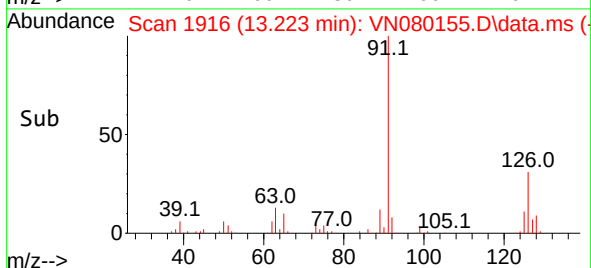
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

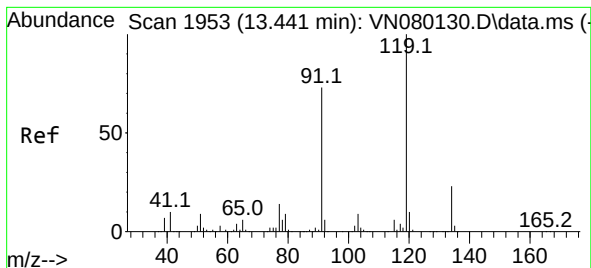


#82
4-Chlorotoluene
Concen: 18.491 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06



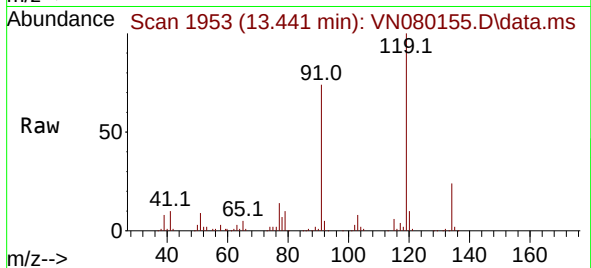
Tgt Ion: 91 Resp: 182963
Ion Ratio Lower Upper
91 100
126 30.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.747 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

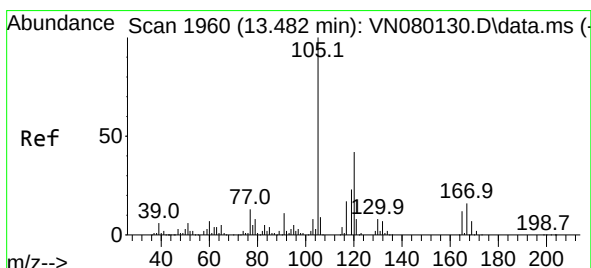
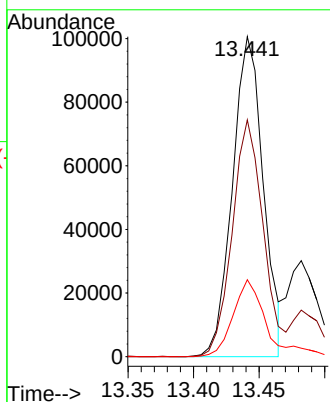
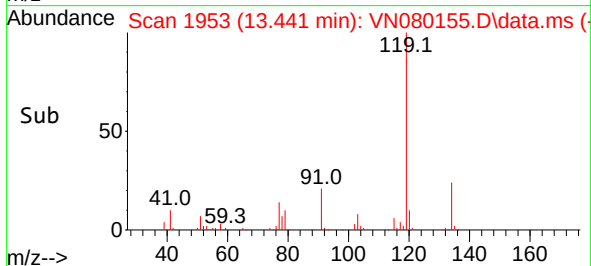
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBSD01



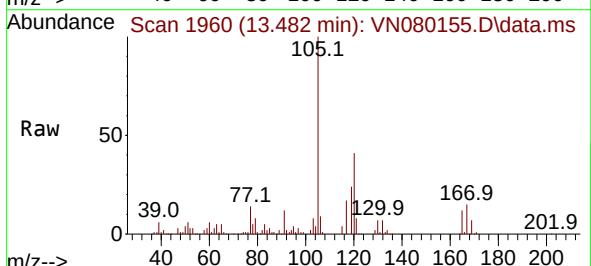
Tgt Ion:119 Resp: 164750
Ion Ratio Lower Upper
119 100
91 74.7 33.9 101.7
134 25.8 13.2 39.6

Manual Integrations
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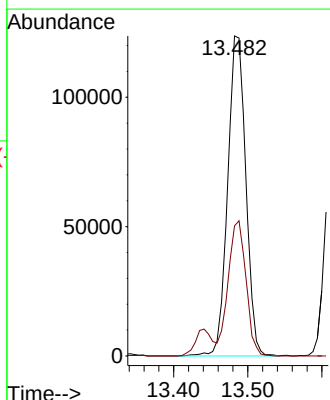
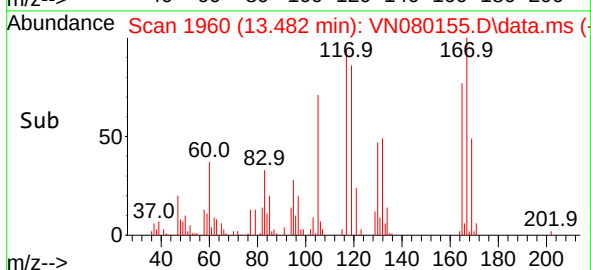
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

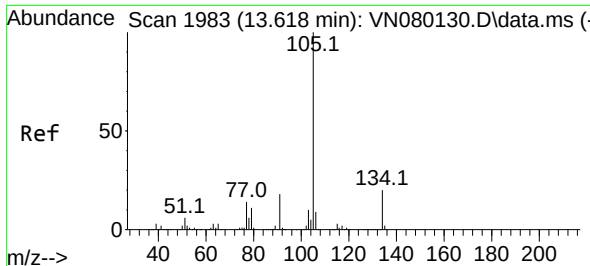


#84
1,2,4-Trimethylbenzene
Concen: 18.466 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06



Tgt Ion:105 Resp: 210499
Ion Ratio Lower Upper
105 100
120 41.4 22.0 66.0





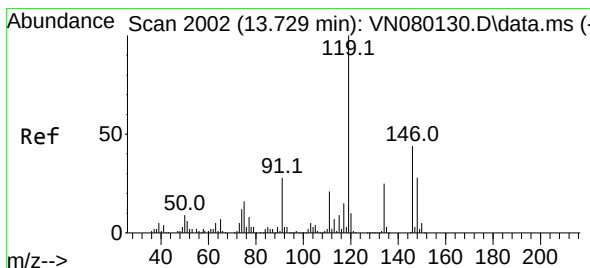
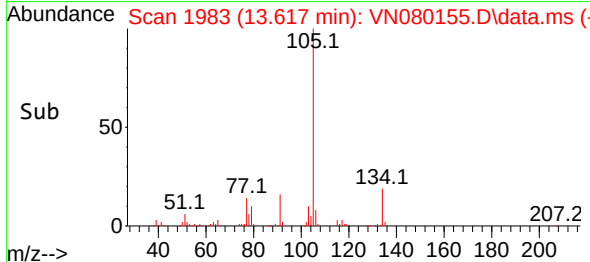
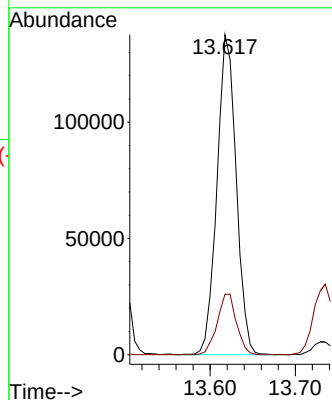
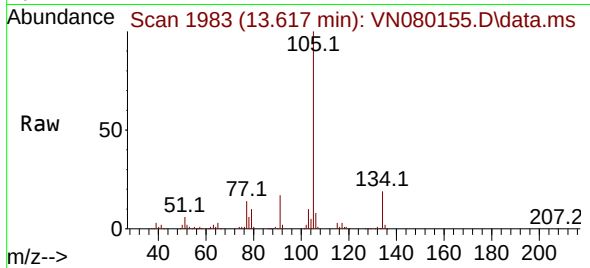
#85
 sec-Butylbenzene
 Concen: 18.367 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080155.D
 Acq: 17 Nov 2023 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117MBSD01

Tgt Ion:105 Resp: 215694
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3

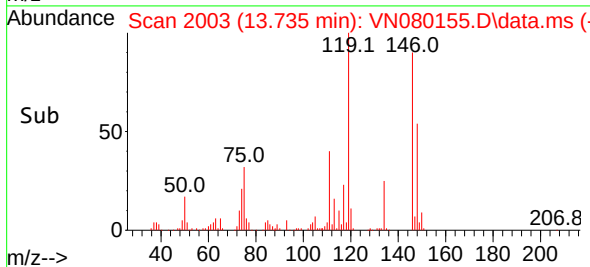
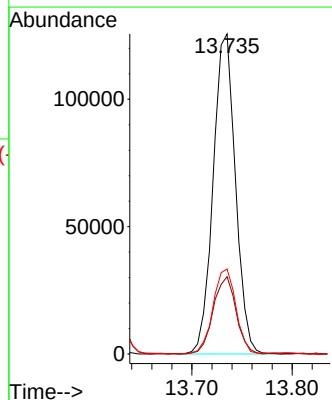
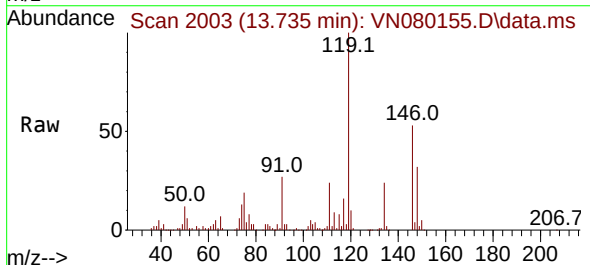
Manual Integrations
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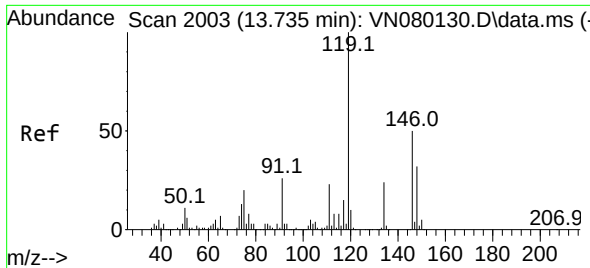
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#86
 p-Isopropyltoluene
 Concen: 18.519 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080155.D
 Acq: 17 Nov 2023 12:06

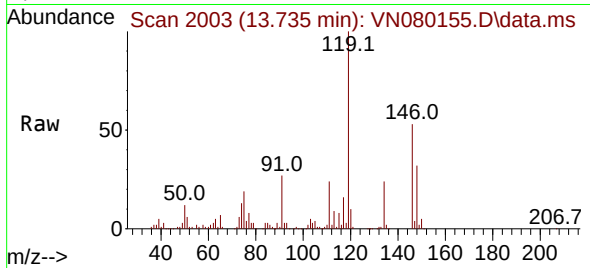
Tgt Ion:119 Resp: 194276
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 27.3 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 17.740 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN080155.D
 Acq: 17 Nov 2023 12:06

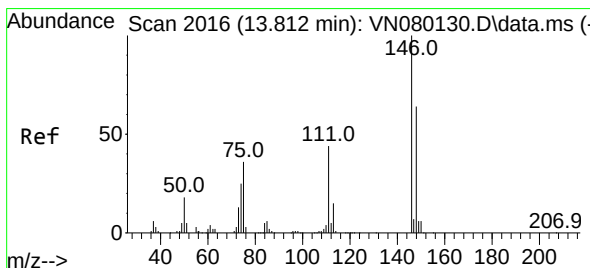
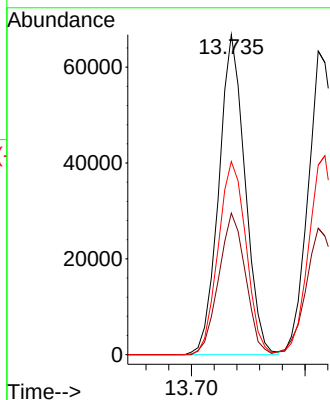
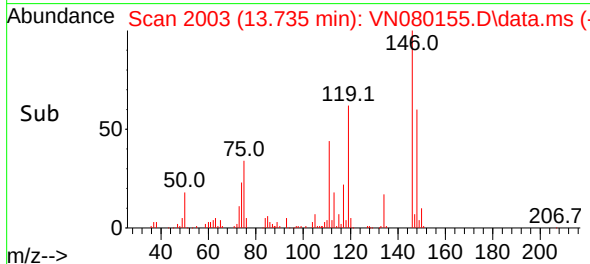
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117MBS01



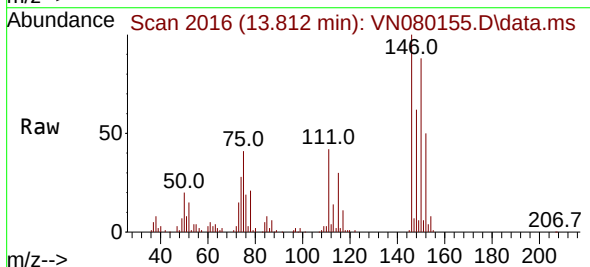
Tgt Ion:146 Resp: 107160
 Ion Ratio Lower Upper
 146 100
 111 45.1 22.1 66.3
 148 64.0 32.0 96.0

Manual Integrations
 APPROVED

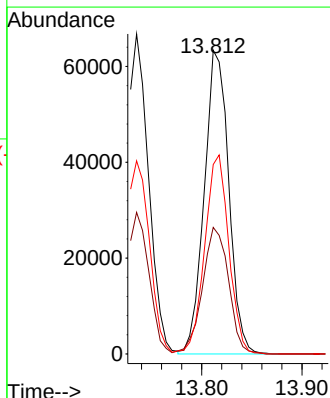
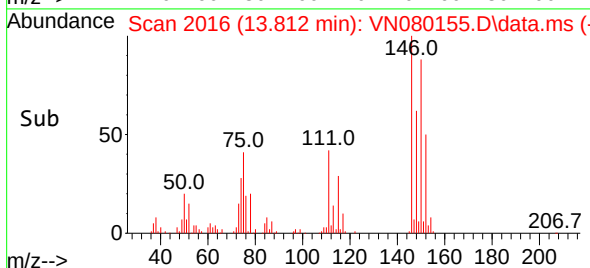
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023

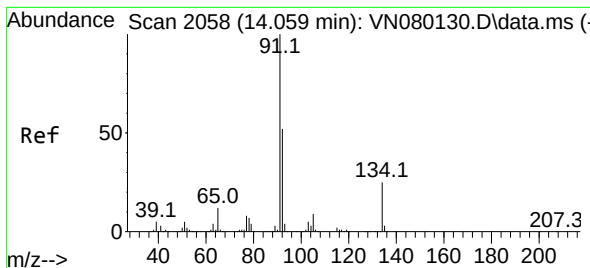


#88
 1,4-Dichlorobenzene
 Concen: 17.732 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN080155.D
 Acq: 17 Nov 2023 12:06



Tgt Ion:146 Resp: 107647
 Ion Ratio Lower Upper
 146 100
 111 44.5 20.6 61.8
 148 64.6 31.6 94.8





#89

n-Butylbenzene

Concen: 17.337 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080155.D

Acq: 17 Nov 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBS01

Tgt Ion: 91 Resp: 152230

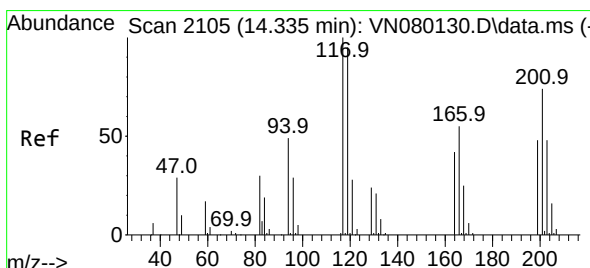
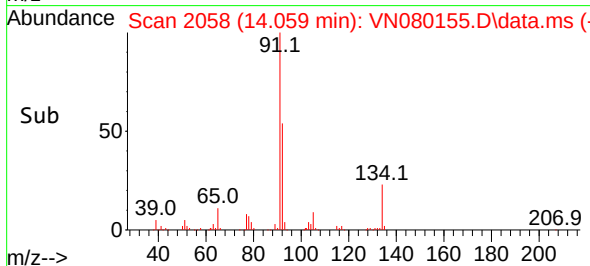
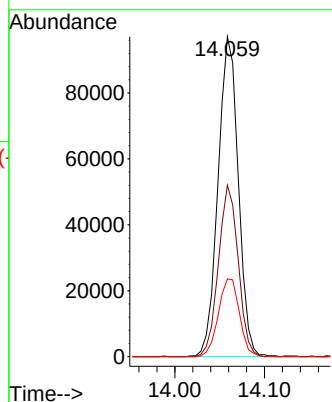
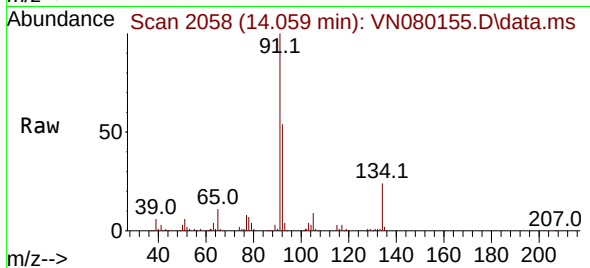
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.4	79.0
134	25.2	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#90

Hexachloroethane

Concen: 17.320 ug/l

RT: 14.335 min Scan# 2105

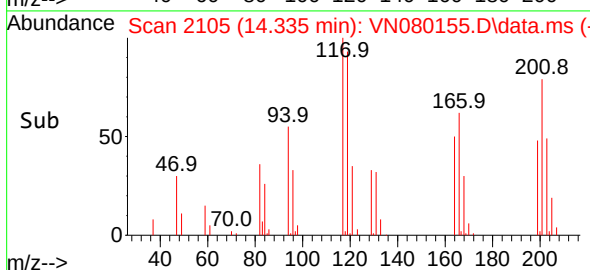
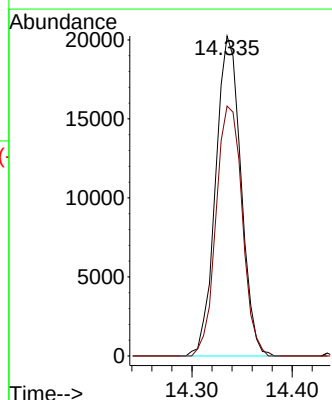
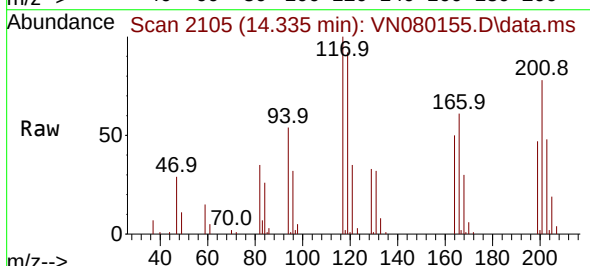
Delta R.T. -0.000 min

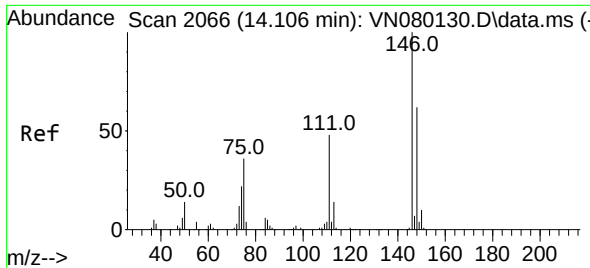
Lab File: VN080155.D

Acq: 17 Nov 2023 12:06

Tgt Ion:117 Resp: 35423

Ion	Ratio	Lower	Upper
117	100		
201	80.9	29.3	88.0





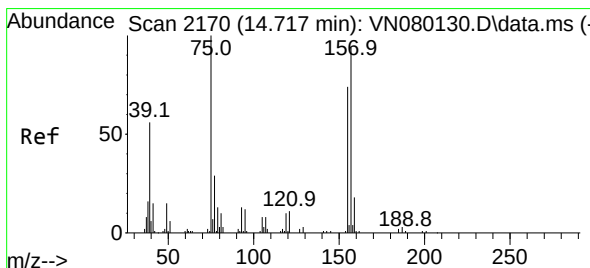
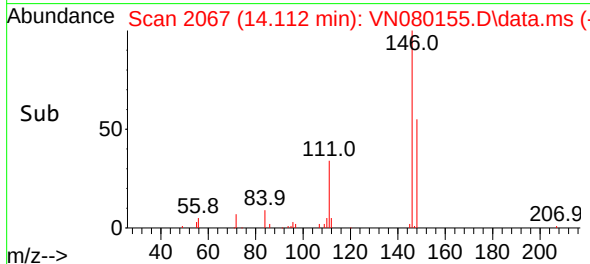
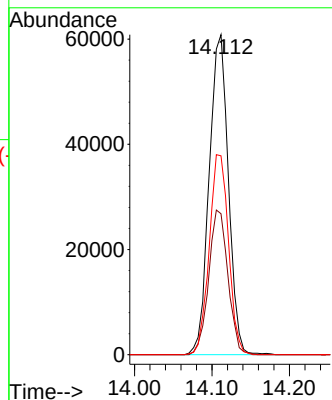
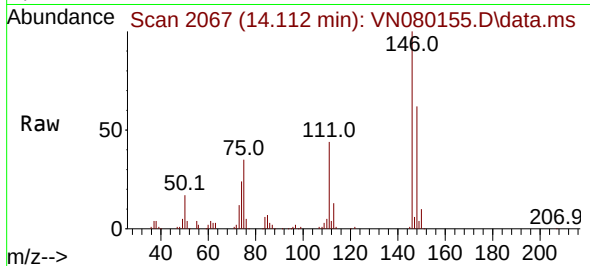
#91
1,2-Dichlorobenzene
Concen: 18.098 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBSD01

Tgt Ion:146 Resp: 104610
Ion Ratio Lower Upper
146 100
111 45.4 22.0 66.0
148 62.8 31.8 95.3

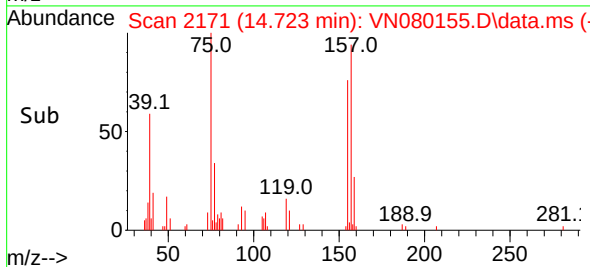
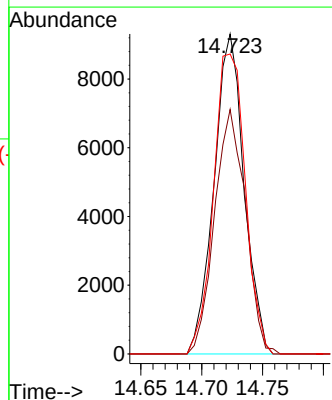
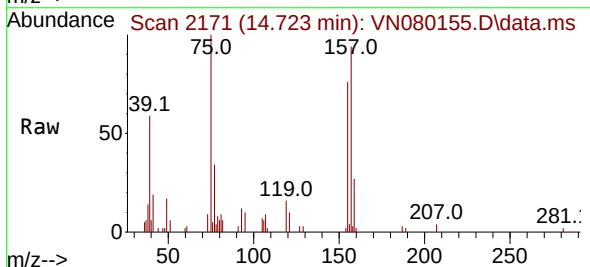
Manual Integrations
APPROVED

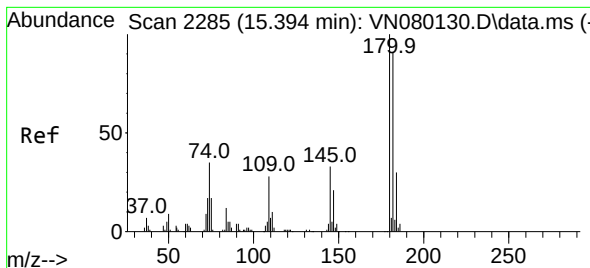
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.296 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080155.D
Acq: 17 Nov 2023 12:06

Tgt Ion: 75 Resp: 15990
Ion Ratio Lower Upper
75 100
155 78.7 39.1 117.2
157 99.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.047 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080155.D

Acq: 17 Nov 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBS01

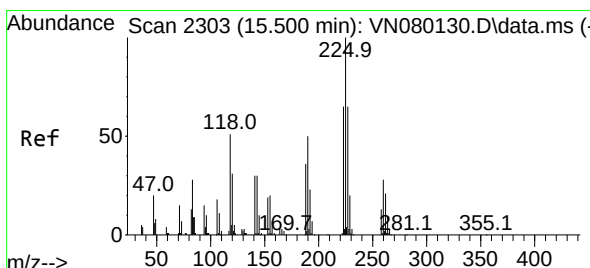
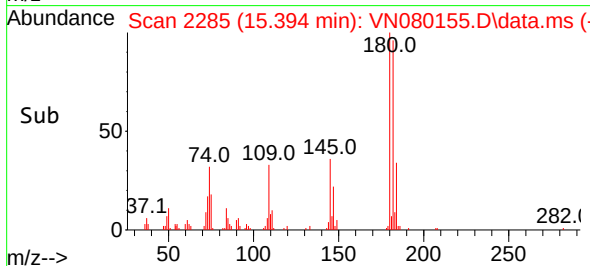
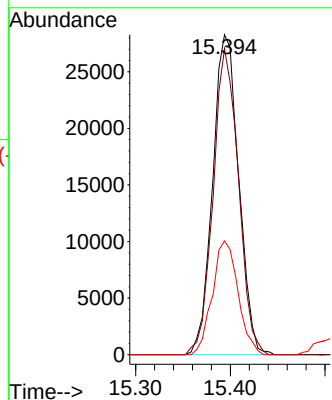
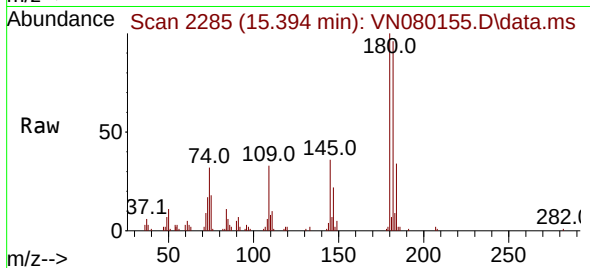
Tgt Ion:180	Resp:	53950
Ion Ratio	Lower	Upper
180	100	
182	92.9	46.1 138.2
145	35.1	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#94

Hexachlorobutadiene

Concen: 15.217 ug/l

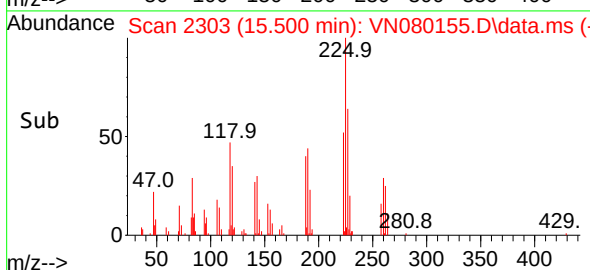
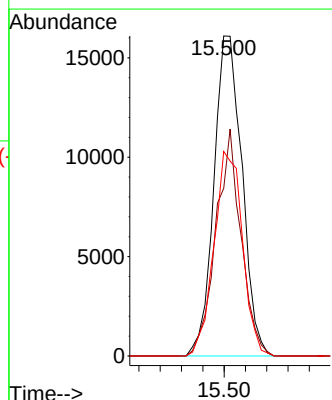
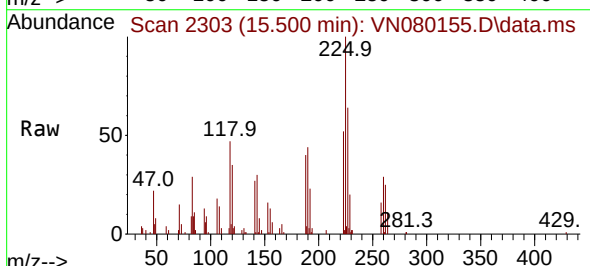
RT: 15.500 min Scan# 2303

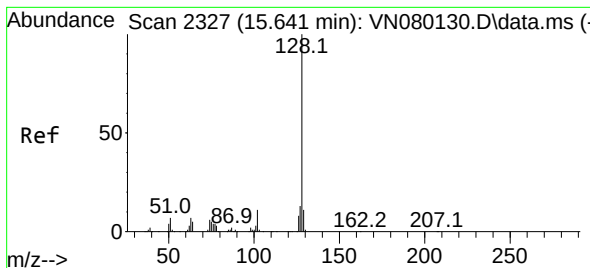
Delta R.T. -0.000 min

Lab File: VN080155.D

Acq: 17 Nov 2023 12:06

Tgt Ion:225	Resp:	29442
Ion Ratio	Lower	Upper
225	100	
223	63.5	31.3 93.8
227	64.8	31.9 95.9





#95

Naphthalene

Concen: 15.637 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080155.D

Acq: 17 Nov 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBS01

Tgt Ion:128 Resp: 152449

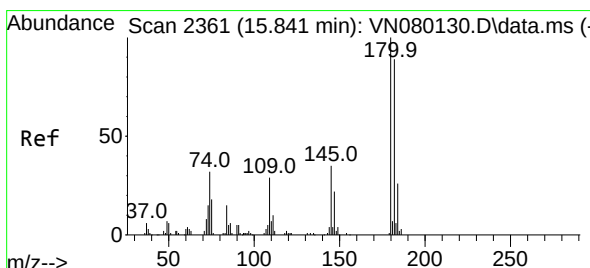
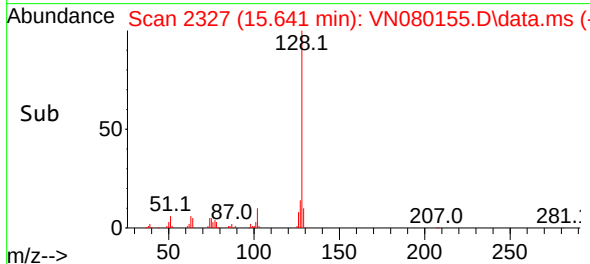
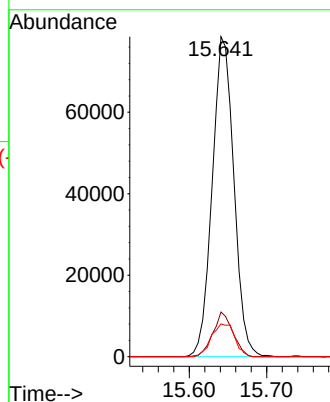
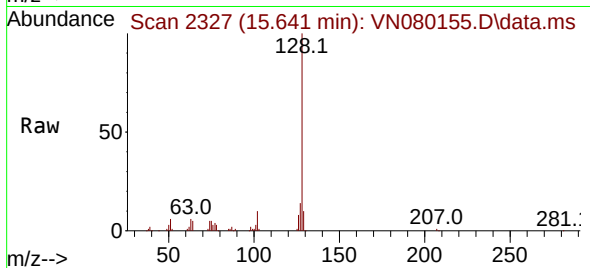
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.0	15.0
129	11.1	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 16.357 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080155.D

Acq: 17 Nov 2023 12:06

Tgt Ion:180 Resp: 51546

Ion	Ratio	Lower	Upper
180	100		
182	97.5	46.2	138.6
145	37.5	17.5	52.6

